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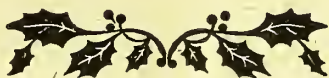
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1919

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Dear Sirs,

First, we wish you a Christmas full of Happiness and a New Year of Prosperity and Content. With an Armistice from Warfare and a prospect of an early and lasting Peace the strain of the past four years is relieved, and though business is still difficult the conditions will gradually become easier. We take this opportunity of thanking our friends for all their consideration and indulgence. With depleted Staffs, inexperienced substitutes, and supplies so often held up, errors and delays have been unavoidable; but we can truly say that we have done our best to keep our customers supplied, and we trust that our efforts have been appreciated.

With every good wish for the future,

Yours faithfully,

POTTER & CLARKE, Ltd.

1919.

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..... 12) DUNN, J. H., & Co., Ltd., Copper Sulphate xix | LEVERMORE, A., & Co., Ltd., Precipitated Chalk xxii | ROBERTS & SHEPPEY, Ointment ----- xxvii

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RENEWED PROSPERITY
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*All clinical reports confirm
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COLLOSOL ARGENTUM.

A non-toxic antiseptic, for all purposes, by topical application. Indicated in affections of the Throat, Ear, Nose and Eye—especially in Influenza. Also by internal administration, in diarrhoea and intestinal disorders.

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Indicated in Rheumatism and skin affections. (See "British Medical Journal," 12th May, 1917.) These baths are more potent than any natural sulphur waters, contain no impurities, no free sulphuretted hydrogen, and do not injure the home bath.

COLLOSOL IODINE.

(1) Aqueous. (2) Pasta. (3) Oil. (4) Ointment.

Stainless and Non-irritant. Never causes iodism. Specially recommended by the Medical Profession, avoiding the disadvantages of Tincture of Iodine, and of Potassium Iodide.

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An ideal food-tonic, containing the best principles of meat and malt, in combination with colloidal iron, in which form alone iron is perfectly assimilable and avoids constipation and digestive troubles.

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Specially prescribed for disorders of the scalp and loss of hair.

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An entirely non-toxic and non-corrosive colloidal douche, which, unlike the powerful intra-uterine douches, increases epithelial activity. Antiseptic, pleasant in odour, and may be used *ad libitum*.

COLLOSOL SUPPOSITORIES and PESSARIES.

Specially indicated in piles and leucorrhœa.

Also Suppositories and Pessaries of Cocaine and Quinine for special purposes.

PRICES FULLY PROTECTED.

Profit to Chemists 33 $\frac{1}{3}$ % on outlay, or 25% on returns.

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CARNAUBA WAX

FATTY GREY.

Light Carbonate of Magnesia	Paraffin Wax
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Potassium Sulphoguaiaacolate	Isinglass, Kobé No. 1.

BLOCK LIQUORICE **PURE**
EUCALYPTUS OIL **SICILIAN**
 70/75%
 B.P.
LANOLINE B.P.
POWDERED SOAP
PHARMACEUTICAL CASEIN

MALLAGH & CO. (T. H. Mallagh, F.C.S.)

Pharmaceutical and Technical Chemicals,

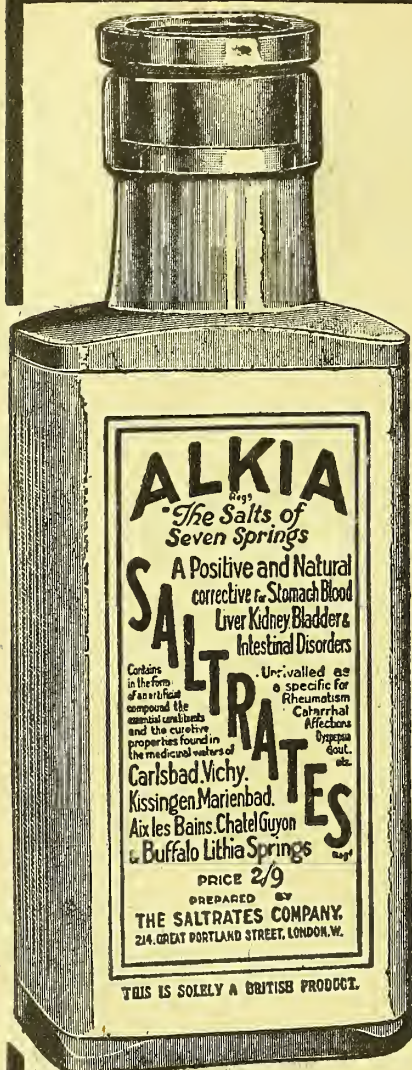
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Telephone : Avenue 896.

Telegraphic Address : "Chemorol, Phone, London."



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The most efficient saline on the market and best value for the money. Pleasant tasting and always pleases the user.

A widely advertised line which you can recommend with absolute confidence.

Sells at **2/9** a bottle
(P.A.T.A.)

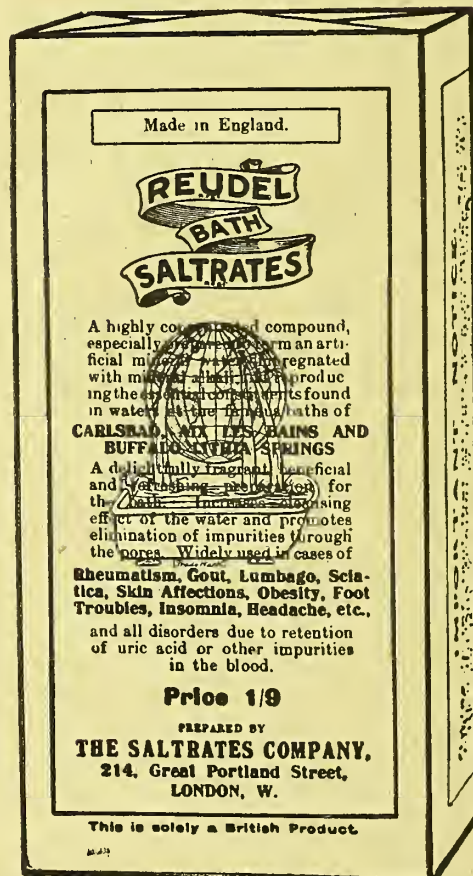
You can stock these goods on **Guaranteed Sale Terms.** Carriage paid in United Kingdom on orders for 3 dozen, which may be assorted.

REUDEL BATH SALTRATES

The best selling and most fragrant, refreshing, beneficial and all-round satisfactory preparation for the bath. Now being extensively advertised.

Sells at **1/9** and **2/9** (P.A.T.A.)

SALTRATES LTD.
214 Great Portland Street,
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Reduced Prices.



GLYCERINE SYRINGES

SUPER QUALITY,

In GLASS with VULCANITE PISTON & MOUNTS.

2-dr. 15/- $\frac{1}{2}$ -oz. 18/- 1-oz. 24/- per doz.

Christmas Holidays, 1918.

This Establishment

will be closed from MONDAY EVENING, December 23rd,
to FRIDAY MORNING, December 27th, and for

STOCKTAKING

On MONDAY and TUESDAY,
December 30th and 31st.

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S. MAW, SON & SONS, Ltd.

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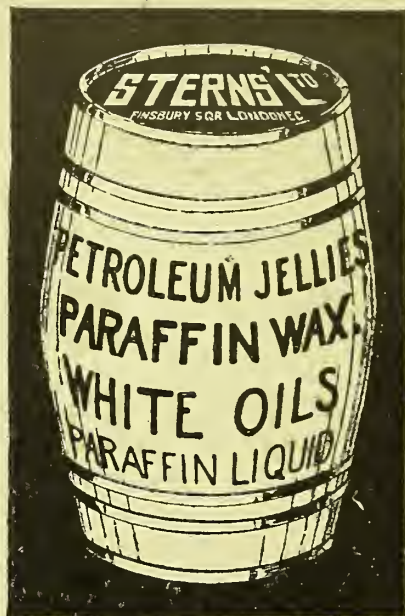
113 Temple Chambers, E.C. 4.

The following prices will come in force as from the date of this issue:—

Advert. Price.		Minimum Retail Price.	Minimum Wholesale Price.
Jewsbury & Brown's Goods.			
1/3 tubes	Oriental Tooth Paste	1/3	11/-
1/6 pots	" " "	1/6	13/9
2/6 " " "	" " "	2/6	22/-
7 1/2 d. tins " " "	" " Powder	7 1/2 d.	4/11
1/- " " "	" " "	1/-	8/-

TO RETAIL AND WHOLESALE VENDORS OF P.A.T.A. PROPRIETARY ARTICLES WHO ARE NON-MEMBERS.

This has been a year of prosperity to most of you. May we ask you to consider how much of the increased profit you have made on sales is due to the work of the P.A.T.A.? May we also ask you to consider whether it is quite fair to continue to pile away these extra profits in your bank and offer nothing in return to the agency that helps you? The annual retail subscription is only 7/6—less than 2d. a week. The present is an excellent time to join, and it is suggested that you send a crossed P.O. or cheque immediately to The Secretary, 113 Temple Chambers, London, E.C. 4.



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Telephone:
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(Four Lines.)

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"CENTUMVIR, PHONE, LONDON."
(Two Words only.)

"Prana" Sparklets.

NOTICE TO THE TRADE.

MESSRS. AERATORS, LTD., regret that it has been, and will be for some time yet, impossible for them to meet demands for the "Prana" Sparklet Syphons and Bulbs, not only owing to other urgent war work, but also to the restricted supply of materials and the large demands (which must be considered preferentially) by the Expeditionary Force Canteens, Red Cross Society, &c. &c.

As regards "D" Bulbs, for the time being it is only possible to refill empty bulbs returned, and the Company request the co-operation of the Trade in the return of as many empties as possible for refilling.

AERATORS LTD.,

"Prana" Sparklet Works,
Upper Edmonton, N.

THE AMERICAN COMMERCE CO. LTD.

19, ST. BRIDE STREET, LONDON, E.C. 4.
NEW YORK. MILAN. PARIS. PETROGRAD.

**OFFER ON SPOT
and JANUARY delivery**

SACCHARIN

U.S.P.

550 STRENGTH.

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STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS
USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches,
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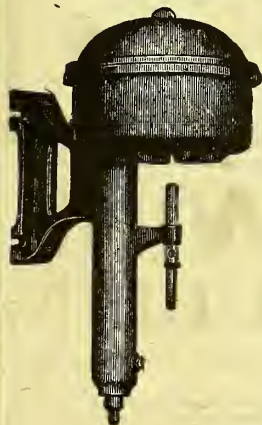
Cheaper than Novocain and Benzocain and obtainable promptly
in practically unlimited quantities from the manufacturers:

LES ETABLISSEMENTS POULENC FRÈRES
92, RUE VIEILLE DU TEMPLE, PARIS.

STOKES' AUTOMATIC WATER STILL. SIMPLICITY ITSELF.

STOKES' GAS-HEATED WATER STILL
will distil half to two-thirds of a gallon per hour.

NO LICENCE NECESSARY.



ENTIRELY
AUTOMATIC
THEREFORE IT REQUIRES
NO ATTENTION.

**Most Economical &
Efficient Still made.**

EASILY FIXED IN
A FEW MINUTES.

**Only requires Gas
and
Water Connections.**

Carriage Paid British Isles

SOLE AGENTS—

THOMPSON & CAPPER, Ltd.
Manisty Buildings, Colledge Lane, LIVERPOOL.

ESTABLISHED 1843.

Telephone—Royal 2060.

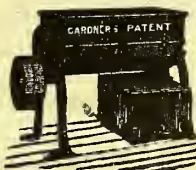
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"RAPID" SIFTERS & MIXERS

OVER 5,300 working in

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POWDERS are Sifted and
Mixed and Lumps Re-
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one operation and without
loss by dust.



FOR HAND OR POWER.

From 60/- upwards.

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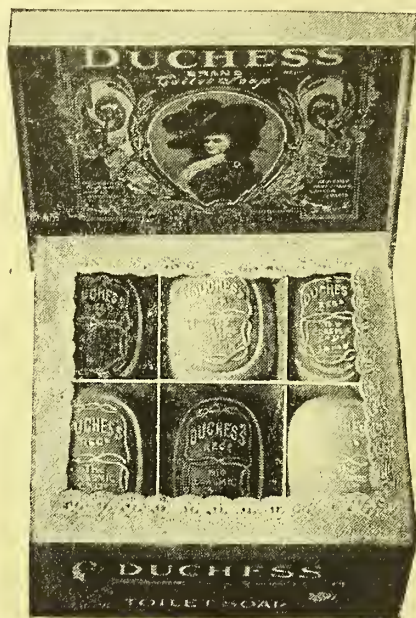
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NEW BARNET.**

COTTON WOOL 2/- per lb.

ONLY LIMITED QUANTITY. Orders in rotation.
One pound rolls, white, absorbent, interleaved, 1-cwt.
and 56-lb. bales. Carriage paid. Cash with order.
Wrappers 3/6 extra, returnable. Sample for stamp.

JAS. Q. MILLS, Chemist, Platt Bridge, WIGAN

Sale reserved exclusively to Chemists.



"DUCHESS" TOILET SOAP

Regd.

4^D. TABLETS.

Price Protected.

No cutting.

Send for Price List to

"ERASMIC" PERFUMERS, WARRINGTON.

DAMANCY & CO., HARROW

SACCHARIN (Monsanto) TABLETS

$\frac{1}{2}$ grain 330 in each tablet.

9/- per 1,000; 8/6 per 1,000 for 20,000; 8/- per 1,000 for 100,000. Reduction for larger quantities. Cash with order. Carriage paid.

PAPER

100 Reams strong Brown Tissue,
18x28 in., 16/6 per ream.
Cash with Order. 10 reams
Carriage Paid. Also Browns
and Krafts in stock.

D. W. BULL, 4 CHURCHILL ROAD, HOMERTON, E. 9.

SALICYLATES ACID and SODA

BENGOL TRADING CO., Inc., Gresham House, Old Broad St., E.C. 2. Telephone: London Wall, 4597, 4598.
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PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

VENUM AURANTH B.P.) Prepared in strict accordance with the Formula of the British Pharmacopoeia. (Wholesale only)
London Agent: **JAMES STIRTON, 43 GREAT TOWER STREET, E.C.**



INDIA RUBBER

[See p. 429 "C. & D." Diary, 1917.]

(Red Mineralized and Arabesque).

SURGICAL, CHEMICAL, DOMESTIC ARTICLES, SYRINGES, ENEMAS, WATER BEDS.

Manufacturers of every description of **INDIA RUBBER**, Wholesale & Export only.

WM. WARNE & CO., Ltd., 29 Gresham Street, LONDON, E.C. 2.



1868 to 1918

A right joyous Christmas and
a busy, useful and interesting
New Year to all our friends.

AYRTON, SAUNDERS & CO. LTD.

Reduction in the price of Aspirin Tablets

Your own name Tablets in your own particular style, and Show Material, to build up a sale.

The Aspirin is of the same high quality hitherto supplied, and will give every satisfaction to your customers. The Tablets are perfectly white and free from odour.

We suggest a Window Display for January, but we would appreciate your instructions per return.

	25's	50's	100's	per 1000
Per dozen	- 6/2	11/4	20/6	15/5

Less **2½%** Monthly Account.

STAR, MORTAR, ANCHOR AND FOUR OTHER STYLES
AVAILABLE

AYRTON, SAUNDERS & Co. L^{TD}

Wholesale Druggists.

LIVERPOOL

SACCHARINE TABLETS.

EACH TABLET ONE GRAIN. GUARANTEED.

	$\frac{1}{4}$ -gr.	$\frac{1}{3}$ -gr.	$\frac{1}{2}$ -gr. in each
5,000	- 9/6	13/9	15/3 per 1,000
10,000	- 9/3	13/6	15/- "
50,000	- 8/9	13/-	14/6 "
100,000	- 8/6	12/9	14/3 "

Large quantities equally low price. Analysis invited.

Each thousand packed in box.

CARMOL MANUFACTURING CO.

(Actual Manufacturers)

28 BATH ROW, BIRMINGHAM.

SACCHARIN TABLETS

($\frac{1}{4}$ gr. 330 in 1, guaranteed).

5,000 @ 10/- per 1000

20,000 @ 9/6

100,000 @ 9/-

250,000 @ 8/6

Cash with order. Regd. post free.

These tablets are beautifully finished, will dissolve in cold water, and are guaranteed to contain the specified quantity of Saccharin.

T. W. MILLAR, Chemist,

98 Paisley Road West, GLASGOW.

Aspirin Tablets

in Bulk.

5 grs. 13/- per 1000.

In bottles of 25, 6/-, of 50, 10/-, of 100, 19/- per doz.

Saccharin Tablets $\frac{1}{4}$ grain 6/- per 1000.

" " $\frac{1}{3}$ " 8/- " 1000.

" " $\frac{1}{2}$ " 11/- " 1000.

Cash with order. Postage free.

Special prices for larger orders.

THE B. & A. TRADING CO.

Alkima Works, 65 Regent's Park, Road, LONDON, N.W. 3.

Saccharin Tablets.

$\frac{1}{4}$ gr., 330 in 1, Guaranteed the Genuine Article.

24 per lb. Cash with Order.

Delivery per return. Reg. post paid. Special quotations for large quantities.

HENRY BOWN, Chemist, 154 Cemetery Road, SHEFFIELD.

Telegrams: 2742 Sheffield.

MEET COMPETITION! SACCHARIN TEA SWEETENERS.

(UNCONTROLLED).

In Envelopes of 100, Retail ... 1/7 $\frac{1}{2}$

Wholesale, 19/6 per doz., less 25%.

Carriage paid. Cash with order.

A. S. PRICE & CO. Ltd., Blackheath, BIRMINGHAM

DAMANCY & CO., HARROW.

SACCHARIN (MONSANTO) TABLETS

$\frac{1}{4}$ -grain 330 in each Tablet.

12/6 per 1000. Reduction for large quantities. Cash with Order. Carriage paid.

SWEETENING POWDER.

16 times as Sweet as Sugar.

12/- per lb. Cash with Order. Carriage paid. Containers free. Perfectly pure, white, and soluble.

The Holoyd Page

Saccharine Tablets

Full Strength

WE were amongst the earliest firms to lay down plant necessary to meet the demands for Saccharine Tablets, and have always kept our old customers fully supplied at favourable prices.

We have never manufactured tea sweeteners (so-called) of unstated strength, but have guaranteed a definite strength of saccharine in every tablet we have offered.

To-day, owing to our large output and favourable buying, we are still enabled to lead both as to quality and price.

The market for the last few weeks has developed well for the buyer, and to-day we can offer $\frac{1}{2}$ -gr. (330 in 1) Saccharine Tablets packed in 100's at 14/6 per dozen, or Tea Sweeteners at 8/9 per dozen 100's, post paid, cash with order.

Send us your order to-day.

Don't forget to ask for the Holoyd Magazine.

H. O. LLOYD,

Head Office and
Laboratories:

Green Lane, Small Heath,
BIRMINGHAM.

London Depot
3 FINSBURY SQUARE, E.C. 2.

14/6 per doz. 100's

DO NOT RISK
PROSECUTION

SELL

SACCHARIN TABLETS

Guaranteed by the Maker,
(Average over 7,000 to the pound).

$\frac{1}{2}$ gr. = 330 in 1.			
1 lb. Lots	...	...	80/- per lb.
2 lb. "	...	...	79/- "
5 lb. "	...	...	78/- "
10 lb. "	...	...	77/- "
25 lb. "	...	...	75/- "

10,000 lots at 11/6 per thousand.
100,000 lots at 11/3 "
1,000,000 lots at 10/9 "
100's packed in boxes at 15/- per dozen.

$\frac{1}{3}$ gr. = 330 in 1.			
1 lb. Lots	...	...	65/- per lb.
2 lb. "	...	...	64/- "
5 lb. "	...	...	63/- "
10 lb. "	...	...	62/- "
25 lb. "	...	...	62/- "

10,000 lots at 9/6 per thousand.
100,000 lots at 9/3 "
1,000,000 lots at 9/- per dozen.
100's packed in boxes at 12/6 per dozen.

$\frac{1}{4}$ gr. = 330 in 1.			
1 lb. Lots	...	...	50/- per lb.
2 lb. "	...	...	49/- "
5 lb. "	...	...	48/- "
10 lb. "	...	...	47/- "
25 lb. "	...	...	45/- "

10,000 lots at 7/6 per thousand.
100,000 lots at 7/3 "
1,000,000 lots at 7/- "
100's packed in boxes at 10/- per dozen.

Cash with Order. Window Bills Free.
Immediate Delivery.

Transparent Hygienic Teats Free.

During the next week we shall send
6 dozens of Hygienic Teats free to
each customer of £5 value and
upwards.

**WALTON, Chemist,
BATLEY.**

Saccharin Tablets

Buy for Xmas Trade now

**SPECIAL OFFER OF FIVE MILLION
FOR IMMEDIATE DELIVERY.**

Great reductions in price
Guaranteed absolutely Pure and Soluble.

$\frac{1}{2}$ grain, 330 in 1. Guaranteed full strength (7,000 to the lb.)				$\frac{1}{3}$ grain, 330 in 1. Equal to most $\frac{1}{2}$ -gr. tablets. (7,000 to the lb.)			
1 lb.	@	£	s. d.	1 lb.	@	£	s. d.
2 "	"	4	19 6	2 "	"	3	19 6
4 "	"	4	18 0	4 "	"	3	19 0
7 "	"	4	17 0	7 "	"	3	18 0
14 "	"	4	15 0	14 "	"	3	17 0

**Envelopes containing 100
UNCONTROLLED**

SACCHARIN TABLETS

to retail at 1/7½ each, 13/6 per doz.
Cash with Order. Immediate Delivery.
Registered Post Free.

**AUSTIN, Wholesale Chemist,
Alum Rock Rd. BIRMINGHAM.**

Saccharin Tablets

AND

SACCAS TEA SWEETENERS

SACCHARIN TABLETS, $\frac{1}{4}$ grain (330) 10/6 per 1000
SACCAS SWEETENING TABLETS - 9/- per 1000

SACCAS SWEETENING POWDER IN PACKETS.

Equal to $\frac{1}{4}$ lb. sugar, 3/10 per doz.
" " $\frac{1}{2}$ " " 7/6 " "
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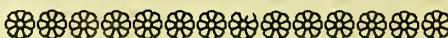
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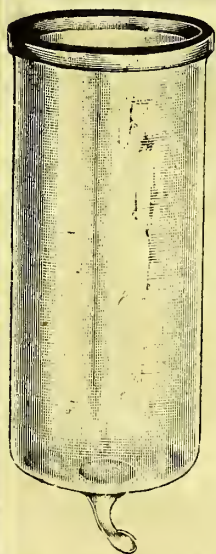
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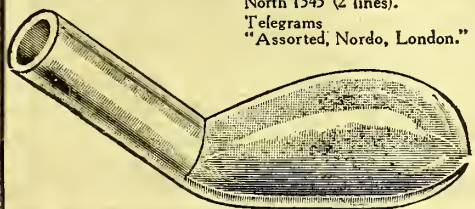
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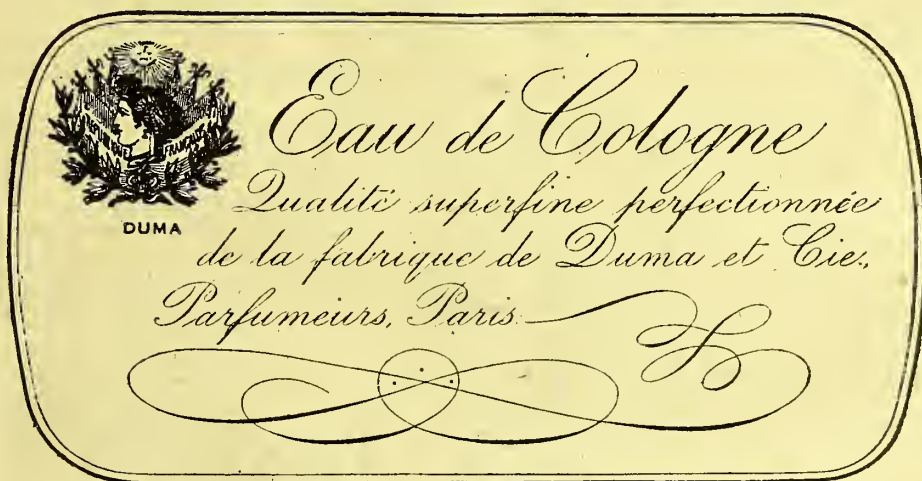
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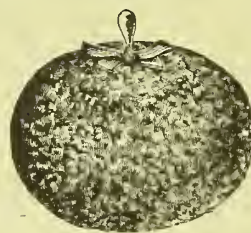
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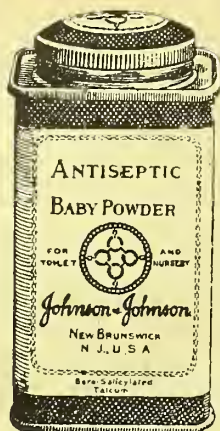
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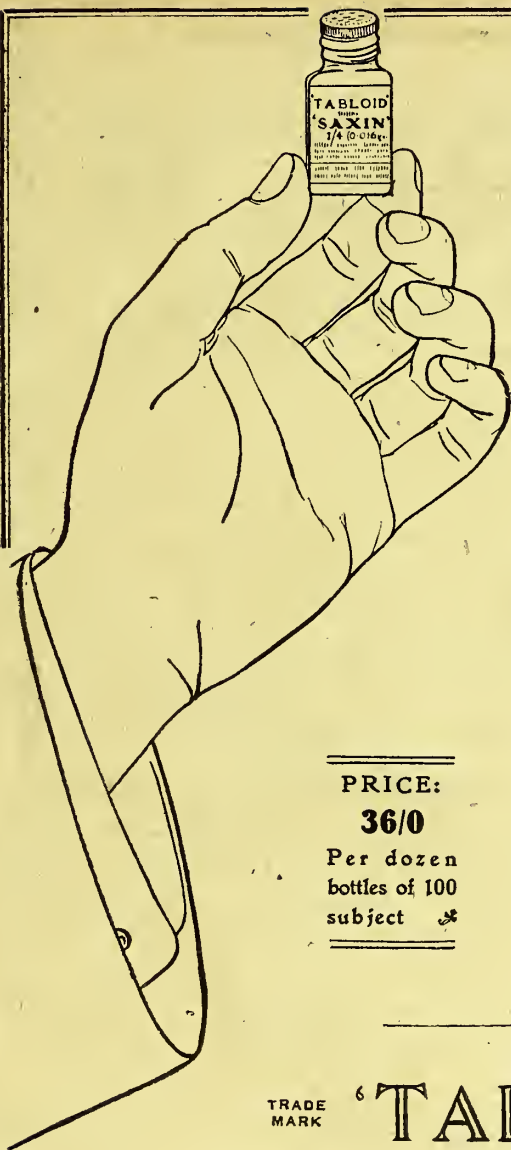
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BRAND

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Per dozen
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0.25 gm.	...	14/0	...	42/0
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Christmas Holidays.

Will correspondents please note that the issue of THE CHEMIST AND DRUGGIST for December 23 will go to press on Tuesday, December 24?

The Publisher asks us to state that the displayed advertisement section must be put to press by Monday, December 23. All copy and instructions for announcements in the white-paper pages must therefore be in the Publisher's hands by Saturday, December 21, to ensure insertion. For the Coloured Supplement no advertisements can be guaranteed insertion that are received at this office later than first post on Tuesday morning, December 24.

A PHARMACEUTICAL J.P.—The "Justice of the Peace" has been asked for an opinion on the following question: A pharmaceutical chemist who takes out annually a wine off-licence for the sale of medicated wines is likely to be nominated for the post of Justice of the Peace. It is presumed that no objection can be raised to his qualification by reason of the fact of his taking out such licence. In every other way he appears to be amply qualified for the post. The answer given is: The presumption is correct. But if appointed a Justice he will be prohibited by Sub-section (1) of Section 40 of the Licensing (Consolidation) Act, 1910, from acting as or being appointed a member of any Committee for the purposes of the Act in the licensing district in which his business is carried on, or in the district or districts adjoining, with this exception, that he will not be prevented from adjudicating in cases of drunkenness under Section 12 of the Licensing Act, 1872, and Section 2 of the Licensing Act, 1902.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Christmas Holidays.

We have ascertained that the following houses, in addition to those mentioned in our issues of December 7 (p. 42) and December 14 (p. 33), will close from Tuesday afternoon, December 24, to Monday morning, December 30:

Carnegie Bros., 227-229 Essex Road, N.
Davenport, J. T., Ltd., 117 Union Street, S.E.
De Vilbiss Co., Ltd., The, 71 Newman Street, W.
Dodge & Oleott Co., 20 Mark Lane, E.C.
Edwards, W., & Son, 157 Queen Victoria Street, E.C.
Macfarlan, J. F., & Co., 9 and 11 Moor Lane, E.C. (also on January 1, 1919).
Stevenson & Howell, Ltd., 95a Southwark Street, S.E.
Toogood, W., Ltd., 77 Southwark Street, S.E. (and for stock-taking, December 30 and 31).
Zimmermann, Chas., & Co. (Chemicals), Ltd., 9 and 10 St. Mary-at-Hill, E.C.

Other closing dates are as follows:

Hoffmann-La Roche Chemical Works, Ltd., 7 and 8 Idol Lane, E.C., December 25 and 26 (and for stocktaking, December 31).
Maw, S., Son & Sons, Ltd., 7 to 12 Aldersgate Street, E.C.
December 24, 25, and 26 (and for stocktaking, December 30 and 31).
Parke, Davis & Co., Beak Street, W., December 25 and 26.
Sparks, White & Co., Ltd., Tenter Street, E., December 25, 26, and 28.
Tompkins, James, Ltd., 386 City Road, E.C., December 25, 26, and 27.
Jackson, Ernest, & Co., Ltd., Plantain Place, Borough, S.E.

The Funeral of the late Mr. Blenkinsop.

The funeral of the late Mr. Richard Blenkinsop, managing director of May & Baker, Ltd., took place at Twickenham Cemetery on December 13, among those present being Messrs. T. D. Morson (representing the Association of British Chemical Manufacturers, in the absence of Mr. W. J. U. Woolcock, M.P., who was indisposed), L. J. Morson, Alfred White (A. White & Sons, Ltd.), T. Tucker (T. Tyrer & Co., Ltd.), —, Grossmith (Grossmith & Tubaldt), Geoffrey Howard (Howard & Sons, Ltd.), Donald Mackenzie (T. & H. Smith, Ltd.), Edmund White (Hopkins & Williams), Felix Berk (F. Berk & Co., Ltd.), Charles Jackson (Whiffen & Sons, Ltd.), A. Macdonald (J. F. Macfarlan & Co.), Geo. Greenhough (Geo. Boor & Co.), Philip Benkinsop, F. C. Stephens, W. G. Hyde (May & Baker, Ltd.), Dr. Johnson, and others.

Birmingham.

The legend of an unlimited supply of glycerin and s.v.m. is to be seen in several pharmacy windows.

Prominent among many effective Christmas window-shows is that of Hedges & Co., which is quite imposing with its display of perfumes, manicure sets, brushes, etc.

The hearing was concluded on December 12 of an action in which the Russell Oil and Chemical Co., Ltd., Adams Street, Birmingham, sued Rylance & Sons, Naylor Street, Liverpool, for 441l. 10s. over the sale of 30 tons of black wood tar, which plaintiffs said was not of the quality agreed upon. The Commissioner gave judgment for the plaintiffs for 192l., with costs.

Mr. H. O. Lloyd's Presidential address on December 11 was interspersed with original humour, and was received with much applause. At the concert which followed he suggested that the programme should be gone through at least once before any encores were allowed. This was after the President of the Pharmaceutical Society had contributed a martial song in excellent style.

An action was heard on December 11 in which Mr. George Frederick Restall, who used to carry on business as a manufacturing chemist in Cheapside, Mosley Road, Birmingham, asked for a declaration that he had entered into a partnership agreement with his younger brother, Mr. G. O. C. Restall. The defendant said that the plaintiff had been acting merely as agent for him in connection with the manufacture of some fancy goods. Judgment was given in his favour, with costs, the plaintiff having failed to establish his contention.

Leeds.

Lance-Corporal J. R. Bentley, whose return was referred to in this section last week, relates that of all the letters and parcels sent from home none reached him, and finds that his own letters took nearly three months to reach Leeds. An hour spent in his company will quickly dispel any belief that there is in the German mentality any feeling for the British other than the most bitter hatred.

On December 13 a dance, organised by the lady students of the Leeds College of Pharmacy, was held at the Alexandra Hall to celebrate the signing of the Armistice and, incidentally, to assist the War Auxiliary Benevolent Fund.

The company of 200 included many Service men in uniform, and the function proved most enjoyable. The Misses Howorth, Turner, and Wiseman were responsible for the general arrangements, while Mr. Howorth and the Principal of the College (Mr. F. Pilkington Sargeant, Ph.C.) officiated as M.C.s.

Liverpool.

Liberal holidays are being granted, so far as practicable, throughout the wholesale trade.

The Fuel Controller has conceded an additional ration to some pharmacists whose supply had been badly cut down.

The opening of the poll in several divisions as early as 7 A.M. gave pharmacists a chance to vote before shop hours—in some cases their only chance on Saturday.

"The Making of Liverpool," the lecture by Mr. W. H. Saunders (Ayrton, Saunders & Co., Ltd.) to the Philomathetic Society, has now been reprinted in pamphlet-form.

Lawreences, chemists, Great Charlotte Street, have issued an artistic wall-calendar for 1919. The calendar measures about 15 x 10 in., and over the tear-off portion is a coloured print representing in whimsical fashion some of the difficulties which a war-time cook has to face.

Mr. William P. Evans (Evans Sons Lescher & Webb, Ltd.) remains in office as President of the Liverpool Chemists' Association until the close of the year, according to rule. As he was lecturing at Sheffield last week he could not be present at the meeting addressed by Miss Buchanan. Vice-President Clubb presided in his absence.

The Christmas window-displays present a sharp contrast to those of the Christmases of 1914-17. Perfumes predominate, but there is a considerable intermixture of other seasonable presents, while each pharmacist shows some speciality of his own. Among striking displays are:

R. and J. Herman (Atkinson's perfumes, Finlay's toilet soap), John McGuffie & Co. (Midgley's lavender water, Duma perfumes), Hazel & Robson, Ltd. (perfumes, Field's toilet soaps), Thompson & Capper, Ltd. ("White Carnation" and other perfumes), Henry Peet (Eau de Cologne, Yardley's perfumery), John Bain & Co. (Yardley's soaps, cameras), Lawrence's ("common-sense" gifts, including shaving and manicure sets), Budden & Co., Ltd. (razors, manicure sets), S. Hardy ("Irish Violet" and other perfumes), George Inman (perfumery, hot-water bottles, and "own" influenza-specific), John H. Robinson (the window fringed with autumn leaves), Boots, Ltd. (miscellaneous "art" goods).

The suburban windows also excel in artistic arrangement.

Nottingham.

Most of the local chemists have decided on a two-days' holiday for Christmas.

Great interest is being manifested in the proposal of Boots, Ltd., to extend their existing system of co-partnership. Meetings of qualified chemists employed by the firm have been held.

There was a record rush last week for the best-known proprietary foods—a phenomenon ascribed to the number of people recovering from influenza, and anxious to build themselves up by means of extra nourishment.

Pharmacies in this city are now exhibiting their Christmas goods, and windows present a more attractive appearance than has been the case since 1914. The withdrawal of the compulsory darkening regulations has also had the effect of inducing window-dressers to exercise their talent and ingenuity, and the shows of novelties are especially notable.

Although they have fulfilled all the official instructions with a view of obtaining the early release of their most essential men from the Forces, pharmacists and manufacturing chemists here are very disappointed at the meagreness of the results achieved. Not even temporarily are men being released, and as a consequence factories and shops have to be carried on with depleted war-time staffs, which, especially during the influenza epidemic—now happily on the wane—have been seriously overworked.

Sheffield.

It has been decided to hold a dinner at the Royal Victoria Hall on the occasion of Mr. Glyn-Jones' forthcoming visit.

Mr. J. T. Appleton recently rendered first-aid to a driver who had been injured in South Road, Walkley, and conveyed him in his motor-car to the infirmary.

It is perhaps worth record that in 1868, and for some years afterwards, the name of the local Society was "The Sheffield Pharmaceutical and Chemical Association."

There has been a large increase in the numbers of Insurance scrips during last October and November on the corresponding figures for last year. Then, the numbers were 30,180 and 23,000; this year, they are respectively 39,000 and 47,000.

Miscellaneous

FIRE.—Damage estimated at over 5,000*l.* was caused by an outbreak of fire on December 13 at the Aetion gum-refinery works of Jules Lang & Son, glass-bottle manufacturers and merchants.

METAL PROHIBITIONS REMOVED.—The Minister of Munitions has suspended until further notice a number of Orders under which various metals were controlled. Among these are the Orders which controlled the purchase and use of copper and the Orders dealing with lead, tin, and spelter.

COPIES OF DOCUMENTS.—The Patent Office has instituted a system by which the public may obtain photographic copies of documents, etc., in the Patent Office library. The charges are for a negative copy 13 in. by 9 in., 1*s.*; 13 in. by 18 in., 2*s.* For positive copies double these charges are made. As regards works in which copyright subsists, applications cannot be accepted for any purposes which would infringe copyright under Section 2 (1) of the Copyright Act, 1911, unless the consent of the owner of the copyright is obtained.

WAR AUXILIARY FUND.—Mr. Benson Harries, President of the Newport Pharmacists' Association, in appealing to the members for contributions to the War Auxiliary Fund, writes: "Many a bright and promising young fellow with glowing prospects has had his career permanently blighted, so let us try to make his clouded spirit brighter and happier by our simply being true to the deeper self. While many pharmacists suffered great and cruel hardships and others made the supreme sacrifice, we at home had our comfortable beds to lie upon, and all other of life's comforts. Gentlemen, this is a serious matter, so let us be men and face the facts and rise to the occasion, and thus do our part nobly and be worthy of our ancient and honourable calling."

SPIRITS FOR INFLUENZA.—"The Times" states that, in view of representations that have been made that there is in some districts a shortage of spirits required in treatment of patients suffering from influenza, arrangements are being made by the Ministry of Food that, in the event of information reaching the Ministry indicating that an additional supply of spirits is necessary in any particular district for the treatment of such patients, the Ministry will direct a special supply to that district. Steps are being taken by the Ministry to obtain representative medical opinion as to the reality and extent of the need in the various localities affected. All bottles of spirits supplied for this purpose will bear distinctive labels, and will only be sold against a certificate from the doctor attending the patient.

PAPER RESTRICTIONS.—The Board of Trade made on December 16 the Paper Restriction Order No. 3, 1918, which revokes certain previous restrictive Paper Orders as from January 1, and enables the Paper Controller to issue Regulations as to the importation, distribution, and priority of the supply of paper and paper-making materials. The Regulations will provide for an increase in the amount of allowable imports of paper and materials, and for a relaxation of the prohibition of imports of certain forms of paper. They will also provide that consideration may be extended to new or increasing businesses, and will effect certain alterations in the conditions under which priority certificates may be issued. Chemists will also be glad to hear that the Paper Restriction (Posters and Circulars) Orders, 1918, has been withdrawn. This means that in future no comparison need be made of the quantity used compared with 1915.

ROYAL INSTITUTION.—The programme of the courses of lectures and Friday discourses at the Royal Institution, Albemarle Street, Piccadilly, London, W., shows no diminution of the activities of this old-established educational centre. Among the courses of lectures are the following: Professor J. T. MacGregor-Morris, "Study of Electric Arcs" (two lectures); Professor J. Norman Collie, "Chemical Studies of Oriental Porcelain" (three lectures); Professor Alexander Findlay, "Colloidal Matter and its Properties" (two lectures); and Professor Sir J. J. Thomson, "Spectrum Analysis and its Application to Atomic Structure." Professor Sir James Dewar gives the first of the series of Friday discourses on January 17, his subject being "Liquid Air and the War." Other discourses are by Professor J. G. Adams, F.R.S., on "Medical Research in its Relationship to the War"; Professor J. A. McClelland on "Nuclei and Ions"; and Professor Sir J. J. Thomson on "Piezo Electricity and its Applications." The Christmas course of six lectures (adapted to a juvenile auditory) begins on December 31, the subject being "The Fish of the Sea."

CEREAL IMPORTS.—The Royal Commission on Wheat Supplies has now issued a revised notice regarding the importation of cereals, etc. This is to the effect that in future all imports of a quantity of five tons and upwards of cereals,

cereal flours, and meals, rice, and pulses shall be notified to the Royal Commission on Wheat Supplies, Trafalgar House, Waterloo Place, London, S.W. 1, either on or before arrival, by the original consignee as declared on the bill of lading. Each notification shall give full particulars as to quantity, quality, shipping marks, cost, and the charges incurred. Such imports shall only be dealt with in such manner as the Royal Commission on Wheat Supplies may direct. At the same time the Ministry of Food issued the following statement: It is the desire of the Royal Commission on Wheat Supplies to relax at the earliest possible date restrictions on trading, and to relieve traders from the obligation to make returns and keep numerous records. The Royal Commission by the issue of this notice, replacing the notice dated April 10, 1918, has removed all restrictions placed by the latter on importation and trading in this country in imported starches, glucose, dextrines, farina, tapioca, sago, manioc, mandioca, cassava, arrowroot, macaroni, spaghetti, and all suchlike products. It should be noted, however, that this notice refers only to imported produce, and further, that it in no way relaxes any restriction in respect of the permitted uses and prices of cereals and cereal products imposed by Orders of the Food Controller.

IN THE COURTS.—At Marlborough Street Police Court, London, on December 13, Ada Lo Ping You, 24 Limehouse Causeway, described as a Chinese subject but of Scottish birth, was charged under Regulation 40b of the Defence of the Realm Act: (1) With between August 21, 1918, and November 14, supplying prepared opium to Florence Leonora Stewart ("Billie Carleton"), she not being an authorised person; (2) that between the above dates she prepared opium for smoking; and (3) that between the above dates she was in possession of prepared opium. The case arose out of a death now the subject of an inquest (see "Poisonings"). Police evidence of the finding of opium tins, scales, and other appliances for smoking having been given, the accused was remanded. L. Ping You, the husband of this woman, was separately charged on the same day, at the Thames Police Court, with being in possession of opium prepared for smoking and with having opium-smoking utensils. It was stated that he had lived in this country for about eight years, and had no occupation. He pleaded guilty, and was remanded.—At the North London Police Court, on December 14, a lad named Foxton was placed on probation, and his brother, aged twenty-three, was bound over for twelve months, on charges of being concerned in stealing and receiving goods value 3*l.* 5*s.*, the property of Butler & Crispe, Clerkenwell Road, E.C., the lad's employers.—At Tower Bridge Police Court, London, on December 12, F. T. Kai, a ship's cook, was fined 22*l.*, or alternatively forty-five days' imprisonment, for harbouring opium (*C. & D.*, December 14, p. 35).—At Bromley (Kent) Police Court, on December 16, Sidney Elsdon, pianoforte salesman, was fined 10*l.* for illegally procuring cocaine from Mr. Frederick Ernest Farmer, chemist and druggist, 60 High Street, Beckenham, on several occasions. From the evidence it appeared that the accused went to Mr. Farmer's shop, apparently suffering great pain, and handed him a prescription in all respects properly made out. On subsequent occasions he in each instance presented a new prescription. After a time, Mr. Farmer's suspicions were aroused, and he communicated with the police.—At Marylebone Police Court, London, on December 16, Lieutenant Charles McDonald Nobriga, R.A.F., was sentenced to nine months' imprisonment in the second division for obtaining goods and money to the extent of 18*l.* by fraud at the shop of Parke's Drug Stores, Ltd., 189 Finchley Road, N.W., and for two other similar offences.—At Marlborough Street Police Court, London, on December 17, further evidence was given in the case in which William Henry Gordon is charged with an offence under the Venereal Disease Act (*C. & D.*, December 7, p. 35; December 14, p. 35). Captain David Thomson, R.A.M.C., pathologist at the Military Hospital, Rochester Row, said that on November 25 Constable Pepper brought him a glass tube containing a fluid, which he was asked to examine. His assistant, Mr. Noel Clark, subjected the fluid to the Wassermann test for syphilis, and found that it gave distinctly negative results. In cross-examination, he said that if carried out by a good technique by competent men these tests were surprisingly uniform in result; but differences between experts had occurred. Constable Pepper having described a visit to the defendant, in the course of which blood was taken from his arm and some pills and a powder were given him, the case was again adjourned.—At the same Court, on December 18, Annie Kensley, in whose possession while in the Haymarket, S.W., five packets containing cocaine had been found, was sentenced to a month's imprisonment in the second division.—At Lewes, on December 17, Camwal, Ltd., were summoned for selling at Seaford,

between October 1 and November 9, soda-water in syphons bearing a false description or trade-mark. Evidence was given to the effect that syphons had been purchased at Seaford bearing the labels of Camwal, Ltd., and the names of other makers. For the defence, the foreman of the Camwal depôt at Mitcham said that to his knowledge no syphon belonging to any other firm had been filled with Camwal mineral waters. Camwal, Ltd., had on one occasion lodged a complaint at the London Bottle Exchange on this matter. The summons was dismissed.

POISONINGS.—Interesting evidence concerning illicit sales of cocaine was given at the resumed inquest held by the Westminster Coroner on December 12 on the body of Miss Florence Leonora Stewart, known on the stage as "Billie Carleton." At the previous hearing Dr. G. A. Hamerton had suggested narcotic poisoning as the cause of death. Lionel Herbert Belcher, a cinema actor, was now called, and stated that a man named Don Kimful, believed to be an Egyptian, had given him heroin at times, and he believed that Kimful lodged in Lisle Street, at a chemist's at the back of the Empire. Kimful procured heroin there, and witness himself had got it there for 1*l.*, and a bottle of cocaine for 10*l.* Belcher added that he sold some and took the rest. He signed no book for it, and he did not know the name of the man who sold it, as he did not look at the shop for it. An acquaintance named De Veuille was complaining of the strength of some cocaine procured from an address in Limehouse Causeway and supplied by a Chinaman. Witness asked De Veuille 10*l.* or 15*l.* for half the quantity that he had purchased for 10*l.*, but only got 5*l.* On one occasion he met De Veuille's servant outside a restaurant by appointment, and, taking with him some cocaine wrapped in paper, gave it to her. Questioned about an opium-smoking party at which he was present, witness said: "It [opium] is very harmless. It is about the least harmful of them all." In reply to another question, he stated that a Mrs. Adamoff was the first to give him heroin. His age was now twenty-five. Mrs. Hicks, De Veuille's servant, who said that she had obtained cocaine from Chinatown "about three times" at the rate of 2*l.* a "packet," described in the course of her evidence a visit to a Scotsman named Toosey, who lived in Torrington Square. She said that she gave him 5*l.*, and he gave her a square packet with not very much in it. "It was cocaine; I looked at it when I got home. Miss Carleton came in . . . De Veuille handed it to her, and she put it in her little bag." The inquest was adjourned to January 2.—At an inquest held recently at Oldham on Herbert Noah Birchall (45), timekeeper, Lemnos Street, the widow stated that her husband had got a 1-oz. bottle of "No. 1" carbolic acid, which he mixed with water in a larger bottle. She had two doses of this herself, of about two tablespoonfuls, and the only painful effect was that it seemed to make her throat burn. Next morning she diluted the mixture with more water, and the same evening her husband had a dose. He put some into a cup, added water, and drank it. Almost immediately he seemed to collapse, and he died shortly afterwards. Mr. Washington Palmer, chemist and druggist, manager to Boots, Ltd., said that there was a label on the phenol giving the quantities for mixing, which were 24 drops to an 8-oz. bottle of water. The curious thing was that Mrs. Birchall had taken two doses without ill-effect before she had further diluted it. Dr. F. Radcliffe said death was due to shock, following on carbolic-acid poisoning. Birchall would have taken 1 drachm at each gulp, and a drachm had been known to cause death immediately. Carbolic acid acted peculiarly at times. Mrs. Birchall, judging from the evidence, had been more than fortunate. A verdict of "Death by misadventure" was returned.—Dr. Gilchrist, a well-known Carlisle practitioner, who did his own dispensing, died from an overdose of a chloral and potassium-bromide mixture.—At a resumed inquest in Marylebone, London, on December 18, on the body of Mary E. M. Boshell, a nurse in whose suit-case tubes containing a solution of morphine had been found, evidence was given of her having taken veronal. Dr. John D. P. McLatchie, Welbeck Street, W., said that he wrote a prescription for the deceased comprising aspirin and four cachets of veronal, each containing 7½ gr. The prescription now purported to be for 15 cachets, and he suggested that it had been altered from his original "IV" by the insertion of a stroke through the "I." Mr. Charles Edward Pinckney, chemist and druggist, of Heppells, chemists, Piccadilly, said that he did not remember who brought the prescription. He made it up for 15 cachets; and a gentleman in mufti called for it. It struck him at the time that 15 was an unusual number to order, the usual quantity being 6, 12, or 24. Most scrupulous care was taken to see that the prescriptions were in order. Evidence of hypodermic-syringe marks on the arm having been given, the inquest was again adjourned.

Irish News.

Brevities.

The Cork Chemical and Drug Co. has been declared contractors to the South Infirmary, Cork, for medicines and surgical appliances at 5 per cent. off the Local Government Board list.

Business in Cork during the past month has been dull owing to the bad weather and election excitement. Mr. Fanington, who was one of the Unionist candidates in the election for Cork city, is an analytical chemist.

News was received in Belfast last week that the Military Medal has been awarded to Private Thos. H. Giff, Royal Army Medical Corps. Previous to joining up early in 1915 he was an apprentice with Mr. J. C. Culbert, Ph.C., Connswater, Belfast, Hon. Secretary of the North Irish Pharmaceutical Association.

At Londonderry Petty Sessions last week, the adjourned cases against the following chemists for keeping their shops open for the serving of customers after 5.30 P.M. in contravention of the new Early Closing Order were listed for hearing. The defendants are: Wm. A. Frizzell, Waterloo Place; James Glendinning, Waterloo Place; Hugh E. Young, Strand Road; William E. Mitchell, William Street; Hubert Sweeney, Strand Road; John Maxwell, trading as Prior & Co., Ferryquay Street; J. Kilpatrick, The Diamond; and James H. Hegarty, The Diamond. The cases were further adjourned until December 23, pending a reply from the Lord-Lieutenant to a memorial pointing out the hardship the enforcement of the Order would entail in the case of chemists.

Belfast.

Mr. C. W. Addy, lecturer and demonstrator in chemistry in the Municipal Technical Institute, Belfast, has been appointed to conduct chemical work in connection with the British Cellulose and Chemical Manufacturing Co. Mr. W. W. Myddleton, Higher Runcorn, has been appointed to succeed him in Belfast.

The death took place in Belfast recently of Mr. John W. McNinch, who served his apprenticeship with Thomas McMullan & Co., wholesale druggists, Victoria Street, Belfast, and for a number of years travelled for the firm. Afterwards he obtained an appointment with Marsh & Co. Mr. McMullan succumbed to an attack of pneumonia following influenza.

Scottish News.

Brevities.

The average *locum* (qualified) is asking and receiving 7*l.* a week.

Christmas windows in various towns are quite an improvement on those of pre-war days.

There is a shortage of meat and malt wines, various proprietary emulsions, and Formamin.

There has been a slump in the wholesale price of glycerin, the present figure being 1*s.* 2*d.* a lb. in 56-lb. lots.

Dr. J. Theodore Cash, who has been professor of materia medica in the University of Aberdeen since 1886, has resigned.

Energetic wholesale firms are sending out travellers to break new ground. Many spots are "earmarked" for future business.

Receipts have now been issued for clinical thermometers sent in two months ago for testing. But when shall we receive the thermometers?

The *C. & D.*'s comments in last week's issue (p. 44) on the salary question have been received in Scotland with something like enthusiasm. It is quite certain that we cannot maintain an A1 service on a C3 salary. The next reform, it is predicted, will be in the nature of reduced working-hours and special remuneration for overtime and Sunday work—a matter which, it is suggested, requires the attention of those who are drafting the new federation scheme. Were the plan adopted of charging an extra fee for such service and giving proportional payment to assistants, we should hear less about the difficulty of obtaining medicines during hours of closing.

Edinburgh.

Several local doctors have been released from the Army. Local chemists will be closed all day on December 25 and on January 1.

A traveller who calls upon chemists here has been delivering his firm's calendars.

The Rev. George Jack, proprietor of "Helios," has returned home after his second period of work with the Y.M.C.A. in France.

Controlled saccharin tablets are plentiful, and those who had for standing orders, "Send as many as you can," have already modified their demands.

"If you do not see what you wish in the window, we may have it in the shop," is the only Christmas "display" a suburban chemist intends having.

Edinburgh Town Council has granted a petition by pharmacists that the necessary steps be taken with a view to making a closing order fixing the hour of closing (except for the sale of medicines and medical and surgical appliances) on Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays at 7 P.M., and on Saturdays at 8 P.M.

Glasgow.

W. & R. Hatrick & Co., Renfield Street, announce that their premises will be closed for stocktaking on December 30 and 31.

A Russian Pole in this city lately took the curious revenge on his landlady, with whom he had quarrelled, of throwing some of her apparel on the floor and pouring sulphuric acid on it.

French News.

(From the "C. & D." Paris Correspondent.)

"ERSATZ" MEDICAMENTS.—Professor Bourquelot has presented to the Society of Pharmacy various German pharmaceutical products abandoned by the enemy on the fields of battle during recent retreats.

THE SINCEREST FLATTERY.—The soapworks near Lille, alluded to by a British war correspondent as having been removed to Germany for re-erection as a thoroughly up-to-date and model establishment, is presumably the new factory erected by Lever Bros. shortly before the war. Now that Germany will be made to pay for the stolen property the amount to be reimbursed at present-day value will surprise and pain the Hun thieves.

SPANISH MEDICAL MISSION.—The members of the Spanish Medical Mission, recently on a visit to Paris, were invited by the Pharmaceutical Manufacturers' Association of Paris to a banquet, at which the Minister of Public Instruction presided and spoke. Speeches were also made by M. Fumouze (the senior member of the Association), Dr. Roger, of the Paris Faculty of Medicine, and two of the Spanish medical notabilities, Señor Martinez Vargas and Señor Tuxo, of Barcelona.

MARSHAL JOFFRE having been unanimously elected a member of the French Academy, and Marshal Foch being about to enter the ranks of the Academy of Sciences, the Academy of Medicine could hardly do less than honour M. Georges Clemenceau. The recent decease of Dr. Lereboullet had left a vacancy in the ranks of its "free members," and our 1918 "Organizer of Victory" and "Liberator of the Territory" was elected last week—*nem. con.*, of course. It is fifty-three years since he took his M.D. degree.

THE CASEIN INDUSTRY.—The use of casein otherwise than as a foodstuff is forbidden by law until the expiration of six months from the cessation of hostilities, except where, by special authority, it is reserved in the interests of national defence. The casein industry is an important and growing one. France was before the war, and still is, the greatest producer in the world. In 1912 about half the French output was exported to Germany. During the war exports considerably decreased. They were: 1912, 67,707 quintals; 1914, 55,979 quintals; 1916, 39,362 quintals.

CRIMES OF GERMANY.—Lottery were read at a recent meeting of the Paris Society of Pharmacy from two of its French "corresponding members," Professors Gérard and Vallée, relating life at Lille during the four years of German occupation. M. Choay (President) invited the Society to join in the protestations formulated by various French scientific corporations against the crimes of Germany. General assent was expressed and a proposition made to strike all enemy "corresponding members" off the rolls of the Society. It was resolved to bring up the matter for decision at the next meeting.

Colonial and Foreign News.

IT IS STATED in the Greek Press that large quantities of quinine have been imported into Greece.

BORAX has been advertised for in the German pharmaceutical Press, 30m. per kilo. having been offered.

SMUGGLED MEDICINES IN AUSTRIA.—It is stated in the "Zeit" that illicit traffic in medicines at very high prices is being carried on in Austria.

POTASH DEPOSITS IN RUSSIA.—A Russian journal states that large deposits of potash have been discovered near Solikamsk, in the province of Perm.

THE NATIONAL UNION OF HUNGARIAN CHEMISTS at Budapest has petitioned the Minister of Finance for a 30-per-cent. increase on all medicament prices.

DR. OTTO TUNMANN, Berne (Switzerland), has been appointed Professor of Pharmacology at the University of Vienna in succession to Professor Moeller.

HERB-GROWING FOR INVALIDED SOLDIERS.—It is stated in the "Zeit" that herb-growing by invalided soldiers is to be promoted at a national institution at Aspern, Austria.

MUNICIPAL PHARMACIES IN TURKESTAN.—By order of the Executive Committee of the local Soviet, all private pharmacies in Tashkent have been "municipalised," and from henceforth belong to the town.

EXPORT OF GERMAN POTASH.—The German Potash Syndicate has sent a circular to its Austrian customers explaining that owing to transport difficulties, etc., orders for Austria cannot at present be dealt with.

OTTO OF ROSE STATISTICS.—According to an article in the "Bulgarenschau," the annual yield of otto of rose in Bulgaria during the seven years 1903-09 inclusive varied from 542,851 misals to 966,504 misals. (A misal=71 grains.)

BUSINESS CHANGE IN AUSTRIA.—It is stated in the "Neue Freie Presse" that two Vienna wholesale druggists, in conjunction with a German chemical company, have purchased the Roeder Chemical Factory in Klosterneuburg.

"CONTROLLED" MEDICINES IN ITALY.—Owing to the excessively high prices charged for medicines in Italy, a decree has been published authorising the Prefects to fix maximum prices in their provinces for medicines in ordinary use.

BELGIAN PHARMACY.—Early in the New Year a new pharmaceutical paper is to be issued in Belgium under the title of "Journal de Pharmacie de Belgique." This is to take the place of the various pharmacy journals which were printed before the German invasion.

QUININE REGULATION IN ITALY.—A decree has been published in Italy stating that during the present conditions in the quinine market the Finance Ministry is authorised to have prepared, and put on sale, State quinine products containing secondary alkaloids in a proportion of not more than 25 per cent.

ABSTRACT PROBLEM.—A recent query in a German pharmaceutical organ is translated as follows: "If 5 grm. of Navy Cut tobacco aroma essence be taken, what quantity of sweet clover should be sprinkled with the same in order to obtain a shag tobacco having the flavour and aroma of English Navy Cut?"

THEOBROMINE SUBSTITUTE.—The Royal Hungarian Pharmaceutical Institute requests restaurant and coffee-house keepers not to throw away water-melon rinds, but to offer these for sale to a specified chemical-works at 40 heller per kilo., as the dried skins are now used in the preparation of a substitute for theobromine.

SPOURIOUS QUININE IN GREECE.—A notice in "Embros" by the Bandoeng Quinine Co. draws the attention of buyers to the fact that boxes of spurious quinine have been seized by the police, bearing the Quinine Co.'s mark, and containing a white powder, which is not quinine. The spurious boxes can be recognised from their rough construction.

DRUG-ADULTERATION IN BENGAL.—The question of drug-adulteration in Bengal has been discussed by the Calcutta Municipal Council, surprise being expressed that the Government had excluded drugs from the Food and Drugs Amendment Act. It was stated that in order to be sure of getting unadulterated drugs purchasers had to specify makers' names or brands.

ITALIAN STATE MONOPOLIES.—A decree has been drafted by the Italian Minister of Finance, establishing State monopolies for petroleum, benzene, paraffin, and other heavy and light mineral oils (except lubricants and the residue from their distillation), denaturalised alcohol, explosives, quicksilver (as well as its sale at home and abroad), and quinine and its by-products.

Personalities.

LIEUTENANT IAN P. MACEWAN, attached 16th London Regiment, who was wounded on November 4, is now in a London hospital.

MAJOR VICTOR ROBINSON has been awarded a second bar to the Military Cross. Major Robinson is a director of Robinson & Sons, Ltd., Chesterfield.

MR. H. C. RICHARDS (late assistant with Boots, Ltd., at George Street, Croydon) has been "mentioned" for valuable services rendered in connection with the war.

THE HOME SECRETARY informs us that Mr. Geo. Frederick Handel Bartlett, chemist and druggist, of Battersea, is no longer an "authorised person" under the Cocaine and Opium Regulation.

PRIVATE A. W. JONES, Honourable Artillery Company, has been awarded the Military Medal. In civil life Private Jones is the town representative of John Gosnell & Co., Ltd., Blackfriars Road, London, S.E. 1.

MR. A. JERROLD NATHAN, C.C. (chairman of Barclay & Sons, Ltd., Farringdon Street, London, E.C.), has been appointed a representative of the Corporation of the City of London on the London Federation of Maternity and Infant Welfare Centres.

MR. ALFRED W. LEWIS, chemist and druggist, Newport (Mon.), has published in the local Press an apology to Mr. William Evans, Windermere, Clytha Park. Mr. Lewis has also forwarded 21l. to Mr. Evans for division between two local charities, and has paid solicitors' costs.

SECOND-LIEUTENANT R. W. WREN, South Lancashire Regiment, has been awarded the Croix de Guerre for distinguished services in the advance on the Western Front immediately prior to the signing of the Armistice. Second-Lieutenant Wren is the son of Mr. Richard C. Wren, F.L.S. (Potter & Clarke, Ltd.).

LIEUTENANT F. E. BEAUCHAMP, Middlesex Regiment, who was taken prisoner at Messines in July 1917 (C. & D., 1917, p. 729), arrived home on December 11 from Holzminden. Lieutenant Beauchamp is the son of Mr. F. C. Beauchamp, chemist and druggist, manager to Boots, Ltd., at their branch at High Road, East Finchley, London, N. 2.

AT THE INSTALLATION MEETING of the Edward Terry Lodge, No. 2722, on December 12, W. Bro. Thomas Batey (Clerk of the London Insurance Committee) was installed W.M. He invested the following officers connected with London pharmacy: S.W., Bro. A. J. Rieckford (Allen & Hanburys, Ltd.); S.D., Bro. Alban Atkin, pharmacist, West Hampstead; J.D., Bro. J. W. Royle (Ingram & Royle, Ltd.). Other pharmacists present among the members were Bros. Donald Grant, A. J. Greatrex, and R. Blanchford, P.M.L.R. Among the visitors were Bro. Milner (Sangers).

MR. SYDNEY DUNSTAN, F.C.S., chemist and druggist, recently gave a lecture to the nurses at the College of Nursing, Newcastle-on-Tyne. He outlined, with demonstrations, the principles of chemistry, materia medica and pharmacy and, in explaining the metric system, showed how simple and easy it is. Advocating that all nurses should be trained to read prescriptions and to know the Latin names of drugs and their therapeutic action, Mr. Dunstan demonstrated simple methods by which most of the principal items used in the wards could be checked. Various processes for the sterilisation of instruments were given, and methods of preventing corrosion were shown. The high pressure dry-saturated steam steriliser was explained in detail.

MR. PERCY BARRS, chemist and druggist, 33 Lancaster Park, Richmond Hill, Richmond, Surrey, was on December 5 elected a Fellow of the Chemical Society. Mr. Barrs is charged with the analytical control of Zol, Ltd., manufacturing chemists, and is advisory chemist to Gaston, Williams & Wigmore, London, E.C. (contractors to H.M. Government). He was educated at Hulme Grammar School, Manchester (winner of the Hulme Science Scholarship, 1897), and has been in practice as a clinical analyst for eleven years past. He was sometime pupil of F. Filmer De Morgan, F.C.S., Edinburgh, Heriot-Watt medallist, studied chemistry at the Metropolitan College of Chemistry under W. Watson Will, F.C.S., Ph.C., in 1904, and continued these studies under H. Lucas, F.C.S., Ph.C., at the South of England College of Pharmacy; passed the examination of the Pharmaceutical Society, 1912. Mr. Barrs is also proprietor of the Western Tablet Co.

A CEMENT FOR MEERSCHAUM is made by dissolving casein in waterglass to which magnesium oxide has been added. It should be mixed as required.

Public Clinics as Affecting Pharmacists.

By John Humphrey, Ph.C.

Paper read before the North London Pharmacists' Association on December 12.

It is understood that doctors in certain districts are planning to co-operate, with the object of fitting up premises where they and their patients can enjoy advantages which it is difficult for individual doctors to provide in their private consulting-rooms. So far as is known, it is not proposed at present to attach dispensaries to these establishments, but it would be vain to suppose that such a development will not follow in due course, and pharmacists who value the peculiar functions which distinguish their business from that of any other shopkeeper should be prepared to meet the danger with which public clinics may in time threaten them if left to develop unchecked. As is well known, insured persons in need of other than ordinary treatment are now sent to hospitals, because there alone can special methods of treatment—such as the application of x-rays, galvanism, faradism, radiant heat, etc.—be applied to persons unable to afford the fees charged at private establishments. Under the auspices of the proposed Ministry of Health it is hoped to arrange for much of this work, as well as the preparation of pathological and bacteriological specimens, to be carried on at district centres, and it is important to bear in mind the fact that the Labour Party is demanding the immediate nationalisation and democratic control of public services such as these. The idea is that a comprehensive Public Health Act should co-ordinate all health authorities, with the view of systematising preventive medicine, rather than remaining dependent upon purely curative methods. A further object is to ensure all future medical treatment being free from servile or inquisitorial features. Once such a system is in being it is bound to be copied freely, with the inevitable establishment of clinics where doctors can provide all necessary treatment for their private patients and insured persons. Remember what has happened in the case of insured persons afflicted with tuberculosis. With the coming into force of the National Insurance Act medicines for such patients were at first obtained mainly from chemists, but it is now common for these cases to be sent to special departments at the hospitals, and I am told this accounts for nine-tenths of the dispensing. Then more recently we have seen the setting up of venereal disease clinics, with more business taken away from the private pharmacist. Again, there are children's clinics at schools, with little dispensing, it is true, but enough to give food for thought. Finally, there are maternity centres with their packed medicines. Wherever possible, pharmacists should endeavour to safeguard their interests by securing the appointment of one or more of their colleagues on the Committees controlling clinics.

There seems to be a general feeling that public clinics are urgently needed, and the point for our consideration is how chemists are likely to be affected in their business when such establishments come into being, since treatment at a properly equipped centre can hardly fail to involve the provision, sooner or later, of medicines. The more convenient such places are made for patients and doctors the greater the danger of the chemist's business as a dispenser of medicines being interfered with. It may be taken for granted that every public clinic set up must have some medicines as part of its equipment, if only for use in emergencies. A necessary corollary will be some one in charge of the medicines to dispense them when required, because the doctors will be fully occupied with their patients and have no time to look after medicines. The persons in charge of the medicines are hardly likely to be pharmacists, though they may possess some qualification as dispensers; but once they are installed we may expect to have it urged, sooner or later, that their services should be fully utilised and the convenience of patients be considered by enabling them to have their prescriptions dispensed on the spot, so that they may be able to go straight home and begin the treatment without the further delay of needing to go to a chemist's shop and waiting for the medicine to be made up. It has been urged that insured persons, having become accustomed to receiving prescriptions and getting them dispensed by chemists, may be expected to be the first to protest against proposals to have their medicines dispensed at public dispensaries. But if those dispensaries are made as comfortable and attractive as they well may be under purely democratic control, it is readily conceivable that public prejudice against the medicines being dispensed there will soon be overcome. Especially may this be expected to

happen in districts where patients have had to put up with crowding, waiting, and other inconvenience while chemists have found time to dispense the medicines. Doctors may not unreasonably urge also that dispensing can be more safely, and with greater satisfaction generally, be done by individuals who are not liable to interruption by the demands of customers for other goods sold by chemists. Most National Health Insurance prescriptions come to be dispensed at the busiest part of the chemist's day, at a time when patients like to be in the shelter of their own homes, and other members of their families—who might be sent for the medicines—desire to be free to spend their leisure as they like. You are familiar, too, with the complaints of doctors whose patients are alleged to be unable to get medicines dispensed at the chemist's until the day following that on which the prescriptions are given. This would be employed as an argument in favour of public dispensaries, in connection with which arrangements could easily be made to have an all-night service. Such dispensaries could never, of course, be universally distributed, but in industrial and other thickly populated areas there seems to be a real danger of their coming into existence. Many chemists will doubtless say: Let the dispensaries come and have all the Insurance dispensing, and have an all-night service if so desired. The work does not pay; it is a great tie; it interferes with more profitable business, and we don't feel disposed to cause ourselves further inconvenience and loss of profit for the sake of State dispensing business, even though the maintenance of an important principle be at stake. But it is imperative that this principle should be maintained—the principle that all medicines ought to be dispensed by, or under the supervision of, duly qualified pharmacists. Moreover, for the proper maintenance of that principle, it is necessary that all pharmacists in retail business should be on the panel—those whom it does not pay, when regarded from a purely commercial standpoint, as well as those who have found Insurance work bring an appreciable increase of profitable business to their pharmacies.

The question is how to reconcile conflicting interests in pharmacy; how minimise the inconveniences and annoyances caused to some chemists by being on the panel; how make it better worth the while of others to go on the panel; how, in fact, to make things easier all round for chemists on the panel, while also making them better for insured persons, and superior to any service that can be given by public dispensaries. A plan that commends itself to me does so on two grounds—that it will make things easier for chemists, and that it will give an improved service to insured persons, especially those needing medicines at a late hour, when shops are usually closed. The plan consists in the setting up by chemists of what may be termed co-operative dispensaries, which shall be open to the public—not to insured persons only—from 6.30 or 7 P.M. all through the night, with an all-day service on Sundays if found necessary or desirable. Let the chemists in any given district join forces—working through their Association preferably—and rent two or three rooms in a fairly central position. One room must be fitted up as a dispensary, another should be comfortably furnished as a waiting-room, with newspapers and magazines for the use of persons waiting for medicines; a third small room, if available, should be reserved for the dispensers, of whom there ought to be two, thus providing for prompt service in times of stress, and also enabling them to take rest in turn during the night. A telephone would permit of doctors ordering urgent medicines to be made ready by the time passengers called for them. Such appliances as it is necessary to stock for Insurance purposes should be kept on hand, and perhaps a few others. Advantages to chemists of such an arrangement would be the lightening of dispensing work during the busiest hours, provision of much-needed facilities for enabling them to close as early as any other shopkeeper, abolition of night service and Sunday duty. At the same time, all professional requirements would be met, doctors and patients would have no ground for complaint, and chemists would have proved themselves capable of providing better dispensing service for the public than can be rendered in any other way. Apart from anything else, the setting up of co-operative dispensaries by chemists—from the advantages of which, on the business side, all but properly qualified pharmacists should be excluded—would justify those setting up the service in demanding important changes in the provision of medical benefit under the National Insurance Act. An ideal medical service would depend less upon the consumption of physic by patients; more upon preventive treatment, dieting, improvement of patients' surroundings, and the prescribing of rest, change, and fresh air—in fact, of taking holiday in the best sense of the term. Chemists know what enormous quantities of medicines are dispensed

and taken by patients needlessly, simply because doctors are too busy to diagnose symptoms properly, or afraid to send patients away without prescriptions when they are well aware that the medicine ordered will be utterly useless, and therefore wasted.

Working under the National Insurance Act, doctors ought to have felt more free in this respect than in treating private patients, but the same bad old methods have continued to prevail, and medicines have been ordered recklessly when no drugs were required. As a result, there has been undue strain upon the Drug Fund, and chemists have not been adequately paid for their professional services in dispensing medicines really needed by patients. Such wastefulness should be discouraged if the Drug Fund is to be limited to anything like its present amount, and if chemists are to be properly remunerated. Money saved on drugs would be available for increased dispensing-fees, and it might at last be possible to declare that the poorest patient received the same treatment as any member of the aristocracy.

At the meeting at which this paper was read, Mr. J. C. Carter (President) was in the chair. After the reading of the paper a discussion took place, in which Messrs. Weiss, Greatrex, Skinner, and Glew took part. A resolution was also adopted urging the Local Associations Executive to organise on Whitley Council lines.

Legal Reports.

Tobacco-substitute Prosecution.—At Huddersfield, on December 16, Albert Henry Brett, chemist and druggist, 173 Bradford Road, was summoned for having stained leaves, and having in his possession stained leaves, to resemble tobacco. It was stated that the defendant had rendered himself liable to an Excise penalty of 200*l.* for each offence. The summonses were taken at the instance of the Customs and Excise, and an officer of the Department who had noticed an advertisement in a Yorkshire newspaper visited the defendant's premises. The advertisement read: "Tobacco substitute, burns well, tastes good, does not bite: 4-oz. block 2*s.* . . ." On the premises were a quantity of herbs and raspberry-leaves, some wood-tar, and a press for making the plugs. In the shop 183 cakes of the compound were found and seized. The defendant was perfectly frank, and said he did not think there could be any objection to his making the plug. Other shops in the town sold a herbal smoking-mixture, and he thought he could improve on that by mixing herbs and treacle with tar, but lately he had not been able to get treacle. A Government analyst said the blocks were typical of a plug tobacco. They consisted largely of mullein, comfrey, brooklime, and raspberry-leaves, with wood-tar added, which, after the mixture had been pressed, gave it the appearance of tobacco. Councillor J. B. Wood, chemist and druggist, said no one could mistake the plug for tobacco on account of the tar. The defence was that the defendant had no intention to deceive. The product was advertised as a herbal mixture. The Bench, however, decided that the offence had been proved, and imposed a total fine of 20*l.*, but made no order for costs.

Chemical Manufacturers' Appeals.—Justices A. T. Lawrence and Shearman, in the Divisional Court of the King's Bench, on December 16, heard an appeal by Biggs, Gwyer & Co., chemical manufacturers, London, against a decision by Judge Mellor, in the Manchester County Court, in an action brought against them by Gibson & Co., chemical manufacturers, Manchester. Mr. Liversedge, for the appellants, said the judgment against his clients which was now disputed was one for 35*l.* 9*s.*, in respect of a supply of sulphate of soda. Messrs. Biggs' contention was that the goods were not supplied to them but to another London firm named Burk, and the ground of the appeal was that the case came within the Statue of Frauds, as there was no evidence before the Judge on which he could find there was any undertaking by the defendants, the present appellants, that the money, which was admittedly owed by someone, was to be paid by them. Mr. Lustgarten contended that the finding of the County Court Judge was right, but their Lordships held that the grounds of appeal were justified, and allowed the appeal, with costs.—In a second appeal by the British and French Chemical Manufacturers, in which the same County Court Judge decided in favour of Biggs, Gwyer & Co., the plaintiffs appealed against the finding. Mr. Lustgarten, for the appellants, said they were the sellers and the defendants the buyers of Epsom salts to the value of 44*l.* Plaintiffs had contracted that the goods should be according to B.P. standard. The goods were to be shipped to Alexandria, in Egypt, and on the way the

vessel was torpedoed and the cargo lost. Samples had been taken, and it was found by the defendants that the article was not according to contract but a commercial product containing impurities. Defendants disputed liability, and the County Court Judge found in their favour. It was now contended that as defendants accepted delivery and shipped the goods the finding ought to be reversed. Mr. Liversedge for respondents, said it was a good thing the Epsom salts were lost, otherwise many Egyptians might have been poisoned. (Laughter.) These salts, though called Epsom salts, were used for printing calicoes. Their Lordships dismissed the appeal, with costs.

Breach of Contract Claim.—The Manbré Saccharine Co., Fulham Palace Road, Hammersmith, were plaintiffs in an action for alleged breaches of two contracts which came before Mr. Justice McCardie in the King's Bench Division recently. The defendants were the Corn Products Co., Trinity Square, London. Plaintiffs claimed 6,195*l.* 12*s.* damages. Mr. Douglas Hogg, K.C., for plaintiffs, said the contracts in question were dated October 16, 1916, and November 18, 1916, the former being for the sale to plaintiffs of 4,000 bags, each weighing 280 lb., of American pearl starch at 14*s.* 6*d.* per cwt. c.i.f. London (including war risk insurance), shipment December and January 1916-1917. The November contract was for the sale to plaintiffs of 900 barrels Globe 3*a* crystal corn syrup at 20*s.* 6*d.* per cwt. c.i.f. London, shipment December to February 1916-17. Defendants completed the first contract with the exception of 533 bags, and the second with the exception of 541 barrels. In March 1917 they posted documents to plaintiffs purporting to be a valid tender in respect of goods shipped on board the s.s. *Algonquin*, which was sunk by submarine, but the plaintiffs could not accept that tender as a valid one and as a fulfilment of the defendants' obligations under the contract. It was, Mr. Hogg contended, an ingenious attempt to use the incidence of a c.i.f. contract to divert "the profit of ship" from buyer to seller by reason of the fact that the ship in the case was sunk. Mr. Mackinnon, K.C., for defendants, said they shipped the goods to London on the *Algonquin*, and sent documents to plaintiffs in accordance with custom for 66½ tons of American pearl starch under the October contract, and for 50 barrels of Globe 3*a* corn crystal syrup under the November contract. These documents, they submitted, were a good tender fulfilling their obligations, and plaintiffs, by their refusal to accept them, had repudiated the contracts in respect of the balance of the goods. The hearing was adjourned, and eventually his Lordship, after hearing further evidence, reserved judgment. Mr. Justice McCardie subsequently delivered a considered judgment. He held that the defendants had entirely failed to prove any usage between the parties which could modify their obligations under the c.i.f. contracts in question. Judgment was entered in plaintiffs' favour for 5,262*l.*, with costs.

More Tales of Oenophus.

VIII—Anne Xmas Tale.

Nowe in ye Firste Yere of ye Reygne of Willyam of Sante Mungo manye thynges came to passe innc ye Kyngdome of Farmazie.

For ye Grete Warre was ended and Edmonde, ye Maker of Bye-Wordes, was stille Unknighted, Butte Uglosh satte among ye Spelle-Bynders and Glone-Djinnas was Controllere of ye Householde.

And there was More-or-Less Pece.

Soe Willyam of Thatte Ilke hearkened unto ye Voyce of ye Djinnas and sawe ye Visione Splendide.

"Soone," he proclaymed, "there wille be Anne Eutopia for alle of ye Faythe. We, even We, are teechynge ye Gouvernemente That Was, or Is to Be About To Be, how to Demobilyse, and We have summoned Dayde of Dublin, ye Sonne of Watte, to Our Counsell. For thys is Anne Internationale Affaire."

And Davyde, Watte's Sonne, was bowd downe with Humilite and Pryde.

"Butte what," cryeth a Voyce in ye Wyldernes, "of ye Status of Farmazie in ye Armie."

"Ye Grete Warre is Over," replyeth Willyam with Dignite, "soe everie Farmasyste shalle ranke as Brigadere-Generall of Fatigues."

Soe endeth thys Tale; and a Merrie Xmas to you alle, my Masters.

COMMERCIAL SODIUM FLUORIDE, mixed with an equal weight of flour and sprinkled in suitable places, is said to exterminate cockroaches in from twenty-four to forty-eight hours.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

BIOZENE SYNDICATE, LTD. (P.C.).—Capital 2,000*l*. Objects: To enter into an agreement with Mrs. E. M. J. Morris and Hy. F. Reeve for the purchase of a medical preparation called "Biozene." R.O., 23 Bishopsgate, London, E.C.

VICTOR PHOTOGRAPHICS, LTD. (P.C.).—Capital 10,000*l*. Objects: To carry on business as manufacturers of and dealers in photographic paper, plates, films, chemicals, apparatus and sundries, etc. R.O., Albion House, 56-61 New Oxford Street, London, W.C.1.

H. E. COOPER & CO., LTD. (P.C.).—Capital 2,000*l*. Objects: To carry on the business of orthopaedic surgical-instrument makers, makers of artificial eyes and noses, etc. The directors are C. E. Harrod, 207 New King's Road, Parsons Green, S.W. 6, chemist, and H. E. Cooper, 29 Cronace Road, Fulham, S.W. 6, orthopaedic-appliance fitter.

EXPLOSIVES TRADES, LTD.—Capital 18,000,000*l*. Objects: To carry on the business of manufacturers and producers of nitro-glycerin, dynamite, blasting gelatin, gelignite, sporting and military powders, fuses, detonators, fireworks, explosives of all kinds, chemicals, gas mantles and illuminating apparatus, glycerin, oils, fats, artificial manures, celluloid, artificial silk, dyes, etc. The filed documents do not give a list of amalgamating firms, but a circular recently sent out by Nobel's Explosives, Ltd., states that the boards of the following companies have approved the scheme—viz., Alliance Explosives Co., Ltd.; Australian Explosives and Chemical Co., Ltd.; Bickford, Smith & Co., Ltd.; Wm. Bennett, Sons & Co., Ltd.; St. Helens Electric Fuse Co., Ltd.; Unity Safety Fuse Co., Ltd.; Birmingham Metal and Munitions Co., Ltd.; British Explosives Syndicate, Ltd.; British South African Explosives Co., Ltd.; British Westfalte, Ltd.; Cotton Powder Co., Ltd.; Curtis's & Harvey, Ltd.; E.C. Powder Co., Ltd.; Eley Bros., Ltd.; Eley Bros. (Canada), Ltd.; Abbey Improved Chilled Shot Co., Ltd.; Elterwaer Gunpowder Co., Ltd.; King's Norton Metal Co., Ltd.; Kynoch, Ltd.; Kynoch-Arklow, Ltd.; National Explosives Co., Ltd.; New Explosives Co., Ltd.; Nobel's Explosives Co., Ltd.; Electric Blasting Apparatus Co., Ltd.; Patent Electric Shot Firing Co.; Roburite and Ammonal, Ltd.; Sedgwick Gunpowder Co., Ltd.; Schultze Gunpowder Co., Ltd.; and W. H. Wakefield & Co., Ltd.

G. B. KENT & SONS, LTD.—The usual dividend at the rate of 5½ per cent. per annum upon the cumulative participating preference shares for the six months ended September 30, 1918, has been declared.

S. F. GOSS, LTD.—The twenty-third annual general meeting was held on December 5, when a dividend of 12½ per cent. was declared. A special war bonus will also be paid to all the employees of the company.

MERSEY CHEMICAL WORKS, LTD.—In the Chancery Division of the High Court recently an order was made by Mr. Justice Young, on the petition of the Board of Trade, for the winding-up of the Mersey Chemical-works, Ltd., an enemy company in which all the shares except one were held by enemies.

JOINT-STOCK COMPANIES.—Notice is given in the "London Gazette," December 17, that the names of the undermentioned companies have been struck off the Register and the companies dissolved: Almo Food Co., Ltd.; Curative Electricity Co.; Foods Preservation Syndicate, Ltd.; Robinson's English and Foreign Chemists and Druggists, Ltd.; Thames Alkaloid Manufacturing Co., Ltd.; Walton's Drug Co., Ltd.

CASNER-KELLNER ALKALI CO., LTD.—The report for the year ended September 30, 1918, states that the net profit, after allowing for upkeep of works, plant and machinery, and making provision for estimated liability for excess-profit's duty, amounted to 261,339*l*.; 45,078*l*. was brought forward, making 306,417*l*. The directors propose to place 50,000*l*. to the depreciation reserve (making 587,500*l*.); pay a final dividend of 11*l*. per cent., making 20*l*. per cent. for the year, and to carry forward 48,819*l*.

BRITISH DYES.—A circular was issued recently to the shareholders of British Dyes (Ltd.) giving further particulars of the scheme of amalgamation with Levinstein, Ltd. The name of the purchasing company which will purchase the shares of British Dyes and Levinstein will be the British Dyestuffs Corporation. The name of British Dyes, Ltd., will be changed to British Dyestuffs Corporation (Huddersfield), and the name of Levinstein to British Dyestuffs Corporation (Blackley). The directors state that

substantial profits have been made, and they have deemed it expedient to pay up to the date of valuation (October 31) the full dividend at present authorised by the Government. Warrants have been issued for interim dividends at the rate of 6 per cent. per annum for the year ended April 30 last and for the six months to October 31.

LEWIS & BURROWS, LTD.—The annual meeting was held at the Holborn Restaurant on December 17, Mr. Deputy J. R. Brough, C.C., presiding. In moving the adoption of the report Mr. Brough said the profits were very much better than last year; they amounted to 10,084*l*., compared with 7,476*l*. last year and 5,969*l*. the year before. So far as the accounts were concerned, the board proposed to put another 2,000*l*. to general reserve, because they had been challenged more than once about the value of the company's leases and goodwill, and, as prudent men, they thought it wise to seize the opportunity of building up a reserve on the other side of the account. In the course of a short discussion, a shareholder criticised the management of some of the branches, but other speakers, who stated that they were engaged in the trade, highly commended the general appearance of the shops, and said that in certain lines they could not be touched. The resolution was adopted.

CASSEL CYANIDE CO., LTD.—Speaking at the annual meeting at Glasgow on December 12, Sir George Beilby (chairman of the company), presiding, said the production of cyanide during the year was more than sufficient to meet all demands. During the war period there had been a reduction of quite 20 per cent. in the world's consumption for the treatment of gold ores. The managing director (Mr. W. Neill), in moving the re-election of Sir G. Beilby and Colonel Sir Edward Allen Brotherton, Bart., said: "Sir George Beilby enters to-day on his twentieth year of service as a director. It is, moreover, twenty-six years almost to a day since the Cassel Co. had the good fortune to come into direct touch with Sir George Beilby regarding his processes for the manufacture of cyanide. Much has happened in the interval, and we are under a debt of gratitude to Sir George for the technical and commercial genius which he has brought to bear from time to time on our business. The financial achievement, to my mind, is small compared with the fact that we have during that long period held our own against German cyanide processes and against German competition, and were able on the outbreak of war to meet the entire cyanide needs of the Empire and of the Allies."

IDRIS & CO., LTD.—The report for the year ended October 31, 1918, states that the profit after charging interest on debenture stock and writing off all depreciations is 9,207*l*. 16*s*. 5*d*., compared with 4,273*l*. 12*s*. 11*d*. for 1917. This improved result is due to increased sales not only of mineral waters, but also of lime-juice cordial, lemon-squash, non-alcoholic stout, and wines and sparkling phosphade. There is an increasing demand for the Idris special beverages, and the directors hope that this department of the company's business may be further developed during the present year. Idris mineral waters and cordials have again been supplied in considerable quantities to the Expeditionary Forces. The cost of materials, transport expenses, etc., has been exceptionally high, and it has not been possible to obtain sufficient materials fully to meet the requirements of the business. The supply of sugar allotted to the mineral-water trade has only been 25 per cent. of the quantity used in 1915. It is hoped that conditions will soon improve so that a much larger proportion may be released to meet the urgent requirements of the trade. To satisfy the views expressed by some of the shareholders, the directors have decided to write off the balance standing to goodwill account—viz., 5,000*l*.—and this amount has been debited to reserve account. They propose to transfer from the profits of the year the sum of 1,815*l*. 14*s*. 11*d*. to the credit of reserve account, which will then stand at 9,000*l*. The directors are glad to be able to recommend the payment of the full dividend on the preference shares—viz., 6 per cent. on the "A" preference and 4 per cent. (making with interim dividend of 3 per cent. paid in June 1917 7 per cent.) on the "B" preference. The profit for the year is 13,207*l*. 16*s*. 5*d*., to which is added balance brought forward 4,720*l*. 10*s*. 11*d*., making a total of 17,928*l*. 7*s*. 4*d*. From this is deducted debenture interest 4,000*l*., dividend on "A" preference shares 6,600*l*., dividend on "B" preference shares 700*l*., amount to be transferred to reserve account 1,815*l*. 14*s*. 11*d*., leaving a balance to carry forward of 4,812*l*. 12*s*. 5*d*. Mr. T. H. W. Idris and Mr. W. H. W. Idris retire from office, but they offer themselves for re-election.

SPANISH HONEY.—The annual production of honey is approximately estimated at 13,000 tons.

Births.

CULLINGHAM.—At 54 Guilford Street, London, W.C. 1, on December 7, the wife of Charles F. Cullingham, of a son (Victor Henry James).

MORRIS.—At the Pharmacy, Gowerton, on December 12, the wife of S. R. Morris, chemist and druggist, of a daughter.

PARKER.—At Michael Street, Waterford, recently, the wife of Robert P. Parker, R.D., of a son.

PAYNE.—At The Pharmacy, Old Leake, on December 4, the wife of G. H. S. Payne, Ph.C., of a son.

Deaths.

AIREY.—At Sandfield Hall, Louton, Lancs, recently, Mr. George Airey, aged sixty-eight. Mr. Airey was at one time in business as a chemist in Wallgate, Wigan; on the death of his father he became interested in the Victoria Brewery, Westwood, and since 1906 had been chairman of the company controlling it. He leaves two sons and five daughters.

BARLOW.—At 6 Holloway Street, Minehead, on December 7, Mr. Harold Barlow, chemist and druggist, aged thirty-six.

BAXTER.—Sir William J. Baxter, Ph.C., ex-President of the Pharmaceutical Society of Ireland, died at Coleraine on December 19.

GOUCHER.—At 83 Arundel Street, Sheffield, on December 5, Mr. Levi Tom Goucher, chemist and druggist, aged sixty-four.

HOWIE.—At his residence, 26 Neville Court, Abbey Road, London, N.W. 8, on December 16, suddenly, of heart-

failure, Mr. William Lamond Howie, Ph.C., F.C.S., F.R.S.E. (The British Drug Houses, Ltd.), aged seventy-two. After serving his apprenticeship at Barrhead, and gaining further experience in Glasgow, Mr. Howie joined, in 1867, the staff of T. & H. Smith, Ltd., Edinburgh. Having passed the Minor and the Major examination in rapid succession in 1870, he undertook for this house a business tour in Canada and the United States. Transferring his services to Barron, Harveys & Co., Giltspur Street, London, E.C., he represented them in the North for some years, and eventually, on July 1, 1889, was taken into partnership. Ten years later, on the death of Mr. Richard Bankes

Barron, Mr. Howie became the senior partner in age of the firm, the beginnings of which can be traced back to 1792. On January 1, 1909, Barron, Harveys & Co. amalgamated with Davy, Hill & Hodgkinson, Ltd., and Hearon, Squire & Francis, Ltd., to form The British Drug Houses, Ltd., Mr. Howie being one of the original directors. Shortly afterwards the separate manufacturing plants and effects were moved to Graham Street, N. In the early part of his career Mr. Howie naturally came into contact with a large number of pharmacists, and the pleasant relationships thus established by his *bonhomie* and tact were afterwards developed by his frequent appearances as lecturer—usually on subjects of travel, with illuminating references to the social life and art of other countries. An enthusiastic mountaineer and an expert in the use of the camera, he returned from his holiday tours with a rich store of original photographs and experiences. Occasionally, as in a paper read before the Chemists' Assistants' Association in 1905 (*C. & D.*, II., 1905, p. 733), he would deal attractively with wider and more serious topics. Of the social activities of London pharmacy he was a prominent and valued supporter. Mr. Howie was elected a Fellow of the Chemical Society in 1876, and in 1899 he was made a Fellow of the Royal Society of Edinburgh. He was one of the auditors of the Pharmaceutical Society of Great Britain.



MR. W. L. HOWIE, PH.C.

He is survived by a widow. The funeral is announced for December 21 at the Marylebone Cemetery, East Finchley, N., at 11.30. It is requested that no flowers be sent.

LAMBERT.—At "Netherleigh," Hillfield Road, Redhill, on December 13, Sarah, the wife of Mr. Alfred Lambert (French & Plucknett, drug-brokers, 7 Mincing Lane, E.C.), aged seventy-three.

MANN.—At Church Street, Wells, Norfolk, on December 5, Mr. George Frederick Mann, Ph.C., aged sixty-one.

MARTIN.—At 63 Sydney Place, Lockerbie, on November 19, Mr. Francis Robert Davie Martin, chemist and druggist, aged thirty-six.

ROBERTSON.—At 141 Ribblesdale Road, Streatham, London, S.W. 16, on November 2, Mr. William John Robertson, chemist and druggist, aged thirty-nine.

SMITH.—At 23 Wickham Way, Parklangley, Beckenham, on December 10, Frederica Sarah Marion, the wife of Mr. William George Smith (R. W. Greeff & Co.), aged forty-seven. Since the outbreak of war Mrs. Smith had devoted much of her leisure to hospital nursing, and the strenuous work had impaired her health. Many expressions of sympathy have been received by Mr. Smith from his friends in the chemical trade.

WHEELER.—Recently, Mr. Frederick Wheeler, chemist and druggist. Mr. Wheeler, who passed the Modified examination in 1870, was for many years in business at 129 High Street, Guildford. He retired in 1904, disposing of his business to Mr. W. S. Tavener. He served on the Town Council, as a churchwarden, and as a trustee of the local savings bank.

WOILLATT.—At Bancroft, Hare Street, Ardeley, on November 17, Mr. Samuel Parkes Woillatt, chemist and druggist, aged seventy-one. Mr. Woillatt was in business before August 1, 1868.

Died on Service.

BARTON.—Sergeant Edward H. Barton, R.A.M.C., has died in hospital in France. Sergeant Barton, who joined the Army soon after the outbreak of war, was for some years previously the senior assistant to Mr. A. Lloyd Davies, chemist and druggist, Woking.

SPEEDY.—Second-Lieutenant Ralph Coggin Speedy, Machine Gun Corps, chemist and druggist, died on December 4, aged thirty-one. Second-Lieutenant Speedy served his apprenticeship in pharmacy to Mr. W. Ruff, chemist and druggist, Whitby. He qualified in 1903, and subsequently went to Salisbury, South Rhodesia, where he was with Strachan & Co., chemists. On the outbreak of war he returned to England and joined the Army. After serving in Palestine he was this year invalided home with an affection of the spleen, which ultimately resulted in his death.

Bankruptcy Report.

Re John Vincent, 85 Haverstock Hill, and 12 Chalk Farm Road, London, N.W., Pharmaceutical Chemist.—An application was made on December 17 to Mr. Registrar Mellor at the London Bankruptcy Court for an order of discharge on behalf of this bankrupt, who failed in October 1902. Mr. J. B. Knight, Official Receiver, reported that the liabilities amounted to 1,196*l.* 6*s.* 10*d.*; the assets, valued by the applicant at 570*l.*, had produced 415*l.* 10*s.* 7*d.*, and a dividend of 4*s.* 9*d.* in the pound had been paid. In 1892 the bankrupt purchased for 350*l.* a chemist's business at Bournemouth, and carried it on till 1899, when he sold it for 1,400*l.* After paying his debts he had a balance of 150*l.* In March 1899 he purchased the Haverstock Hill business for 235*l.*; two years later he acquired the Chalk Farm Road shop, and subsequently traded at both addresses until the failure. From March to December 1900 the bankrupt also carried on a similar business in the Hampstead Road, on the sale of which he made a profit of about 40*l.* or 50*l.* The failure was attributed to excess of household and personal expenses over profits. The offences reported by the Official Receiver were (1) insufficiency of assets to equal 10*s.* in the pound on the amount of the unsecured liabilities, and (2) omission to keep proper books of account. His Honour granted an immediate discharge, subject to judgment for 5*l.*, to be paid into court at once.

MORE OPIUM TO BE BURNED.—A Presidential mandate has been issued (says the *Times* Peking correspondent) ordering the Ministries of the Interior and of Finance to ascertain the quantity of opium in stock at Shanghai and to store the drug in the custody of Customs, pending the appointment of a date for its public burning in the presence of Government delegates and local officials.

Trade Notes.

"YADIL" ANTISEPTIC.—An interesting page of information as to the properties and uses of "Yadil" antiseptic is given in this issue by Clement & Johnson, 19 Sicilian Avenue, London, W.C. 1.

WESTERN CANADA.—The H. G. White Co., Vancouver, British Columbia, are prepared to act as agents for business houses desirous of expanding their trade with Canada. The company are the only exclusive drug and chemical dealers in Western Canada.

BOOKS AS CHRISTMAS PRESENTS.—The Principals of the Westminster College, 190 Clapham Road, London, S.W. 9, suggest a list of text-books for the pharmaceutical Qualifying examinations, which will form useful Christmas and New Year gifts to students.

"MOOVIT" CORN-PENCILS.—Mr. Talbot Wilson, 20 Highgate Road, London, N.W. 5, advises chemists to stock "Moovit" corn-pencils, which bear a good profit, and the prices at which they are sold are protected under the scheme of the Proprietary Articles Trade Association.

BRUSH PRICES.—The British Brush Manufacturers' Association announce that existing conditions, and so far as can be seen conditions for some time to come, will not admit of any reduction in the prices of brushes. The war bonus is still being paid to the workers, and the prices of raw material are still high, in some instances having increased during the past month.

"STANDARD" RETAIL-PRICE LIST.—The December issue of this list—in a bright-red cover this time—has been published this week. Mr. Charles Philip, 23 High Street, Herne Bay, who compiles it upon scientific principles, keeps introducing improvements which make the list more valuable with each issue. A further instalment is given of the notes on prescription pricing.

ASPIRIN TABLETS.—Ayrton, Saunders & Co., Ltd., manufacturing chemists, 34 Hanover Street, Liverpool, send us specimens of the aspirin tablets they are producing and regarding which an announcement appears in this issue. The tablets are very nicely made, are pure white in colour, and are free from "picking." They are also quite free from the smell of the acetyl radicle—a sign that good quality aspirin has been used in the manufacture of the tablets.

ALLENBURYS MALTED FOOD No. 3.—The Government restrictions upon flour having been removed, Allen & Hanburys, Ltd., Bethnal Green, London, E. 2, have increased their output of "Allenburys" Malted Food No. 3, and have now ample stocks to meet all demands. As only one size of this food can be supplied—namely, packages at 2s. 6d., each—no orders should be sent for other sizes. It is hoped later on to replace some of the other sizes of the No. 3 Food on the market.

"SCIENTISTS' REFERENCE BOOK AND DIARY."—James Woolley, Sons & Co., Ltd., manufacturing chemists, Victoria Bridge, Manchester, have issued the 1919 edition of the "Scientists' Reference Book and Diary." This is the twenty-first year of issue, and is quite up to the standard of any of the previous volumes. The first part contains in a condensed form much of the scientific data which chemists and physicists need to have handy for instant reference. The Diary portion forming the second part contains also blank pages for use as a note-book. The whole, enclosed in a sheep-skin cover, makes a very convenient pocket-book. The retail price of the book is 3s. 6d.

CHRISTMAS GREETINGS.—Announcements dealing with Christmas and New Year greetings are made in this issue by the following:

Stafford Allen & Sons, Ltd., Cowper Street, London, E.C. 2.

Brotherton-Ratliffe & Co., Ltd., Winchester House, Old Broad Street, London, E.C. 2.

Evans Sons Lescher & Webb, Ltd., Liverpool and London. Thos. Harley, manufacturing chemist, Perth.

A. & F. Pears, Ltd., 71 to 75 New Oxford Street, London, W.C. 1.

Potter & Clarke, Ltd., 60, 62, and 64 Artillery Lane, London, E.

Robinson & Sons, Ltd., Chesterfield. Wigglesworth, Ltd., Westhoughton, Lancashire.

COOK'S SOAPS.—The suitability of good brands of soap as Christmas and New Year presents is brought home to us by the receipt of samples of the products of Edward Cook & Co., Ltd., soap-makers, Bow, London, E. 3. The boxed toilet soaps include "Throne," "Alicia," "Elector," and

Riviera Violette de Parme. Olive-oil soap, medicated cutaneous soap, and "Solace" shaving-soap are other varieties interesting to chemists. The "Lasso" grease and stain soap is acceptable to mechanics and owners of motor-cars. The "Jolly Jack" soap consists of a model in soap of a sailor, forming an attractive form of soap for children and useful as a component of the "Christmas Stocking."

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," November 20, 1918.)

"CAROVENA"; for all goods (42). By T. Owens & Sons, Ltd., 40 Timber Bush, Leith. 385,396.

"MENOLAN"; for a toilet hand preparation (48). By E. S. Francis, 235 Bristol Street, Birmingham. 382,064.

"FACENA"; for all goods (48). By H. O. Lloyd, 321 Coventry Road, Birmingham. 385,280.

"ATHLETINE"; for perfumery, etc. (48). By J. F. Renshaw, 42 Highmoor Road, Caversham, Berkshire. 385,351.

"NAGAI'S JAPANESE TOOTH PASTE WONDERFUL JAPANESE NEW DISCOVERY" on circular device of man holding tube and box ("Nagai's" disclaimed); for a tooth-paste made in England from Japanese ingredients (48). By Y. Nagai, 29 Pentonville Road, London, N. 1. 385,414.

(From "The Trade-marks Journal," November 27, 1918.)

Device composed of letters "A. B. Co."; for rhubarb and other China roots (3), oils, etc. (4), food substances (42), and goods (47). By Arnold Brothers & Co., Ltd., Union Building, 4 The Bund, Shanghai, China. 382,615/616/624/626. (Associated.)

"TENOX"; for medicinal chemicals (3). By High-Speed Steel Alloys, Ltd., Ditton Road, Widnes. 384,062.

"KOO KOO (BURRA)" under picture of bird; for ointment, liniment, rheumatic and kidney pills (3). By A. Stanley, 92 Victoria Street, S.W. 1. 384,835.

"CYANASE BRAND COLLOIDAL SALTS OF GOLD AND POTASSIUM"; for medicinal chemicals (3). By J. G. Gordon and E. E. Gumpert, 48 Mortimer Street, London, W. 1. 385,098.

"DIVER"; for dyes, etc. (4). By The Jolly Boy Co., Ltd., 32 Alma Street, Blackburn. 385,042.

"Oxoxo"; for spectacles, etc. (8). By The Oxford Optical Co., 47 Cornmarket Street, Oxford. 385,228.

Device of two triangles bearing letters "B" and "C" ("B" and "C" disclaimed); for crucibles, etc. (16 and 50). By The Morgan Crucible Co., Ltd., Church Road, Battersea, S.W. 11. 385,130, 384,455. (Associated.)

"ARISTOCRAT" and "BODYGUARD"; for goods (42). By H. Savory and Co., Ltd., 211 High Street, Lewisham, S.E. 13. 385,055/076.

"NEWMAN'S FORT-REVIVER A LIQUEUR TONIC," etc., with device of wineglass and fruit ("Newman's" disclaimed); for a beverage (42). By H. & C. Newman, 41-42 Upper Rathbone Place, London, W. 1. 384,841. (Associated.)

"ANGLOW" over device of glowing metal ("Anglow" disclaimed); for goods (47), perfumery, etc. (48), and for a polishing preparation (50). By Lever Bros., Ltd., Port Sunlight, Cheshire. 384,849/50/51. (Associated.)

"CUTID STONE"; for perfumery, etc. (48). By Johnston & Adams, 20 Murraygate, Dundee. 385,390.

"REVERE"; for perfumery, etc. (48). By H. Bronnley & Co., Ltd., Warple Way, Uxbridge Road, London, W. 3. 385,578.

"TENDRILIA"; for perfumery, etc. (48). By The Standard Tablet Co., Ltd., Goldstone Chemical Works, Hove. 385,686.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

252/7. "Fussels Cream"	245/70. Prescription-pricing (N.H.I.)
252/28. "Valerianettes"	
252/29. Lactococcoline tablets	244/57. Evratmine.
255/24. "Clarma C." perfume	247/35. Dr. Thomas's medicated sawdust
255/240. Talcum powder (Maret & Co.)	

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

Amidol, 246/43	Mixing-machines, 219/14 and 234/68
Aniline dyes (Chinese inquiry), 153/26	Mustard-leaves, 233/51
Eade's gout-pills, 234/58	Odonto, 237/24
Egyptian ointment, 239/62	Orlex compound, 238/11
Kerol capsules, 246/54	Packer's tar soap, 231/35
Kura ointment, 238/25	Paraldehyde, 248/57
Lasson's hair-restorer, 231/35	Pepper's sulpholine lotion, 231/35
Le Grand's Oriza oil, 229/8	

Observations and Reflections.

By Xrayser II.

The Proposed New By-laws

will be generally approved; they meet in a fairly satisfactory manner the demands for the division of the Qualifying examination and for the right to re-examination in a subject in which the candidate has failed in his first attempt in either part. This is not granted as a right, as it ought to have been, but possibly it is made conditional to permission by the examiners merely to ensure that the re-examination shall not be delayed beyond a reasonable time. If this is the case a fixed time-limit would have been preferable, and I am inclined to think that a limit should also have been fixed for taking the second part of the divided examination. The most questionable of the by-laws is No. 15, which leaves the term and conditions of the preliminary training very vague, and very much at the discretion of the Council. It renews my regret that the old and formerly universally approved system of apprenticeship was ever abandoned by the Society. This

Question of Apprenticeship

is one of more than sentimental or academic interest. Nobody has more reason than I to know that apprenticeship was often abused, but it is not for nothing that it was for centuries the legally imposed condition of entry into any trade or occupation, or that when in 1834 it became no longer so most of our trade-unions still virtually enforced it, as did, and do, both the apothecaries and solicitors. Surely there is some better reason than professional jealousy for this. Why did our Society reduce apprenticeship to a meaningless form? The Charter evidently implies by its use of the term that apprentices of the Society shall be apprenticed to some member of the Society, and the Act of 1852, from which we derived it, actually says so. It is so no longer. Apprenticeship to the Society is quite a different thing. In the Act of 1838 the term seems to have some little meaning (it does not occur at all in that of 1868), but the new by-law, unless I greatly mistake, robs it even of this. Registration as an apprentice appears to mean nothing but the payment of a fee, and to have no necessary connection with the training required. This is the greater pity because a real apprenticeship would have been the best barrier against that irruption of outside "dispensers" which seems to be threatening us.

Fees,

however, are evidently what the Council is out for. The raising of that for the Qualifying examination from ten to twelve guineas is quite indefensible. This is not the way to improve the Society's balance-sheet, though that is doubtless its object. It can be legitimately done in no other way than by raising the subscriptions, which the Council clearly is afraid to do, and no wonder either. The raising of the fee for the registration of colonials is still worse as an exhibition of greediness.

The Whole Question of Salary,

says one of your correspondents, depends upon salesmanship, which depends upon efficiency, which depends upon education. If follows, I suppose, that the true end and aim of education is to make good salesmen, and it seems to be implied that good salesmanship is all that is necessary to success in business. The best-educated man, therefore, accidents excepted, is the most successful in business, and education is thus justified of her children. True, your correspondent regards business training as equivalent to education, but even as thus limited I cannot accept his view. Of two lads who have had precisely the same business training one may be twice as efficient as the other, and it may easily happen that his efficiency is of a more general kind than is implied in mere salesmanship; indeed, if it is not, and the other lad has more of the qualities which naturally make for salesmanship, the latter may, from

your correspondent's point of view, be the more efficient of the two, and yet be much less successful in business. "An increase of wages," we are told, "does not increase the efficiency of the recipient"; no, but high salaries attract a more efficient class than low ones, and here we have the key to "the whole question." Education and business training are admirable things, but we can only make them worth while, from a business point of view, by offering a good price for them. Your correspondent will probably agree with this, but he takes much too low a view both of education and of efficiency.

"The Mystery of Edwin Drood,"

with its sensational picture of an East-end opium-den, was published two years after the passing of the Pharmacy Act of 1868. The picture was thought to be over-coloured, but the evil was known to exist, and Dickens is said to have visited one of the dens for evidence. After fifty years or so the evil still exists, and is alleged to be growing. The State has during the interval been busy enough with Acts and Regulations aimed mostly at the pharmacist; the police, too, have been active enough in setting traps to catch us, but no effective check seems to have been given to that underground traffic in narcotics which is the real danger. The victims of the drug-habit (or those who victimise them) know well enough that it is not in chemists' shops that this trade is carried on; they have little or no difficulty in getting what they want without exposing themselves to notice, as they would do by applying to a respectable tradesman. How is it that the authorities are not equally well-informed and equally alert? or that whenever a notorious tragedy occurs a cry arises for the "corrupt chemist" who is to blame for it? That chemists are sometimes careless in handling narcotics it would be absurd, after one or two recent cases, to deny; but there is no evidence at all that as a class we are even careless, much less "corrupt." But it cannot be too much insisted upon that it is folly—one might almost say criminal folly—not to keep oneself thoroughly posted in regard to this matter. Thanks to the *C. & D.*, it is easy to do so. That it is not always done partly accounts for the attitude towards us of the police and the Sunday journalist.

The Word Cocaine

is, I grieve to say, very generally mispronounced by pharmacists, who persist in placing the accent on the second syllable. This is a vulgar error, and though it may be thought of little or no importance it marks a slovenliness and indifference to propriety which in a professional man is not becoming. The word is compounded of *coca* and *ine*, and the addition of the suffix in no way affects the pronunciation of the radical word. In *cocainised* the accent is thrown on the second syllable for euphony's sake, but this is not necessary in *cocaine*, where it is both unscholarly and unpleasant.

By Powdered Hellebore

I should always understand *p. hellebor.* nig., unless the other were specially indicated, which rarely, if ever, happens. The black has always been most in use, is much the milder, and remained official with us until the London Pharmacopœia was superseded by the B.P. It was also, of course, used in the official tinct. hellebori. Burton, in the "Anatomy," has a long account of its virtues and history, which may be read with interest if not with much practical profit. Its old name *melampodium*, which used to be derived from that of Melampus, who now lives for us chiefly as the subject of a poem of Meredith's, and who is said to have cured with it (having observed its effect on goats) the daughters of King Proetus, is really compounded of the two Greek roots *melan* (black) and *pod* (foot), and refers to the colour of the root. Tinct. *melampodii* remained the official name for tincture of black hellebore until 1783; in 1809 the official name for white hellebore was changed to *radix veratri*. In 1867 this was replaced by the American *Veratrum viride*.

AN EXCELLENT BAIT FOR RATS is dried sunflower-seeds. Rats eat it readily, and—the trap does the rest.

SANITAS

DISINFECTANTS

(Fluids, Powder, and Soaps).

Also
 "Sanitas-Bactox" Homogeneous Phenoloid Disinfectant;
 18/20 co-efficient.
 "Sanitas Okol" Emulsified Phenoloid Disinfectant;
 18/20 co-efficient.
 "Sanitas Sypol" (Improved Lysol).
 "Sanitas Sulphur Candles."
 "Sanitas Formio Sulphugators."
 "Sanitas Formigators."
 "Sanitas Drain Testers."
 "Sanitas Polishas."
 "Sanitas Distemper," for walls.
 "Sanitas Creoleum" (wood preserver).
 Peroxids of Hydrogen (Kingzett's Preserved).

Kingzett's
Patent

THE "SANITAS" CO., Ltd.,
 Locksley Street, Limehouse, LONDON, E. 14.

BRITISH ABSOLUTE ALCOHOL

Jas. Burrough Ltd. D.1. Cale Distillery, Hutton Rd.,
 LAMBETH, S.E. 11

Peace.

WE wish all our Customers and Friends every joy that the Peace of the World can bring them.

Q. Christmas will be a time of rejoicing for some, of bitter-sweet memories for others, and of thanksgiving for all.

Q. Our joy will be tempered by regret for the brave young lives that have been sacrificed, and as we stand in respectful and silent honour to the dead heroes, may we resolve that the Peace of the New Year and the future of the New World shall be worthy of the price they have paid for them.

God Save the King.

EDWARD COOK & CO., Ltd.,
 THE SOAPERY, BOW, LONDON, E.3.

An announcement of particular interest to you appears in this issue on page ix.

Essential Oils AND Aromatic Chemicals

W. NAUMANN, 40 Charterhouse Sq., London, E.C. 1.

HAEMORRHOIDS

A NOTE TO CHEMISTS.

Hæmorrhoids are caused by the disordered functions of the system which cannot be corrected by external remedies.

Evidence, which we can produce in confidence from Chemists and others who have suffered, fully prove that a cure has been discovered, and that the recommendation of "Pylitna" Powders is completely justified.

We invite correspondence and co-operation.

G. S. MUMFORD & SONS, Farringdon Rd., LONDON, E.C. 1.

Fletcher's Concentrated Liquors
 offer a perfect alternative to the discarded
 B.P. Tinctures and Syrups.

FLETCHER, FLETCHER & Co., Ltd., HOLLOWAY, LONDON, E.

Editorial Articles.

"C. & D. Diary, 1919."

We are issuing this week to our subscribers copies of *The Chemist and Druggist Diary*, 1919, this being the fifty-first *Diary* which we have published. The present issue is the fifth to be produced under war conditions, but, happily, since the volume went to press the enemies with whom this country and its Allies were at war have been defeated, and there is every prospect that the armistice which has been granted, and is now in force, will, early in the New Year, be translated into a Declaration of Peace. The *Diary* takes the same form as last year, the attenuated condition compared with the previous diaries being due to the limitations imposed upon us by the Royal Commission on Paper. The chief cause of the smaller bulk as compared with normal issues is the omission of advertisements—always a feature in this publication. These have been replaced by an extended trade directory in which are given the names, addresses, telephone numbers, and telegraphic addresses of the principal drug-trade business houses. The index form which has been adopted has been found very convenient for reference purposes. The buyers' guide which follows is the most complete that has ever been put before the drug-trade. It has been compiled upon the same system as last year, which gives a freer hand to business houses whilst resulting in a compilation of the greatest value to those who desire to acquaint themselves with the various sources of supplies of drugs, chemicals, pharmaceutical preparations, proprietary articles, druggists' sundries, and the goods required in the auxiliary trades carried on by chemists and druggists. Following the

blank diary pages, on p. 69 commences a digest of the numerous war regulations affecting the drug-trade. The first epitome of the regulations affecting the trade made under the Defence of the Realm Act was published in the *C. & D.*, a year ago and distributed in pamphlet form. This was so greatly appreciated by all sections of the drug-trade that it has been expanded to include additions made during 1918, and published in the *Diary*. This section indicates the high-water mark of regulations and orders made under war statutes as it was printed just before the armistice was granted to Germany on November 11. Since then it has been found possible to relax certain of the regulations, particulars having been given from week to week in *THE CHEMIST AND DRUGGIST*. For convenience we indicate the changes here, and we recommend our readers to make the necessary alterations in their copies of the *Diary*.

P. 69. *Alcohol*.—Restrictions on the supply of methylated spirit have been withdrawn and the spirit can be used for all household purposes.

Ammonia and Ammonia Products.—The restrictions on the quantities which can be supplied to customers have been withdrawn.

Pp. 70 and 73. *Circulars and Posters*.—The Paper Restriction Order (Posters and Circulars) Order has been withdrawn.

P. 71. *Employees*.—Employers are no longer required to post up lists of employees nor to send monthly reports to the local recruiting officer. The interrogation as to military service of those who are seeking employment is no longer needed.

Glucose.—Prices for wholesale and retail sale have been fixed (*C. & D.*, December 7, p. 53, and December 14, p. 34).

Glycerin.—The supply is no longer controlled, and glycerin may now be obtained and sold in the ordinary course of trade.

P. 72. *Lighting*.—The shading of shop lights is no longer required, but economy in lighting is needed until more coal is available.

P. 73. *Photography*.—The restrictions upon outdoor photography have been removed, although the prohibitions against the exercise of photography near military positions (not made under the Defence of the Realm Act) are still in force.

P. 74. *Shellac*.—This is no longer a controlled material.

P. 75. *White Flour* is now obtainable in the ordinary course of trade.

There is no doubt that other regulations will be revoked wholly or partially so soon as conditions admit of this being done. We recommend our readers to follow the alterations as they are announced each week in *THE CHEMIST AND DRUGGIST* and indicate the changes in the appropriate place in the *Diary* or on the poster issued by the London County Pharmaceutical Association and reproduced in the *C. & D.*, November 30, p. 45. It is unlikely that several of the regulations, e.g., on the sale of cocaine and opium, and the verification of clinical thermometers, will be revoked until fresh legislation has been passed. The nature of the permanent restrictions is a matter which will occupy the attention of the new Parliament when it meets in the New Year. Pages 76 to 84 of the *Diary* contain particulars of the statutory restrictions on the sale of poisons, etc., in Great Britain and Ireland. The form in which these are published will be found convenient for reference and the extended list of poisons which begins on p. 80 should especially be borne in mind when there is any doubt as to the procedure to be adopted in the sale of any particular poison. The war-time formulary (pp. 85-91) is a handy collection of memoranda and formulas for succedanea required at the present time. Many of the recipes will have a permanent place in pharmacy. The comparative tables of the cost of drugs and chemicals during the war has been brought down to July 31. The latter date probably marks the zenith of prices for drugs and chemicals as lower values are to be expected with the advent of peace. A complete list is given on p. 96 of the areas in Great Britain where section 1 of the Venereal Disease Act is in force. Many changes have taken place since November 11 in the list

of controlled exports and imports which commences on p. 97. These have been indicated in detail in the *C. & D.*, November 16, p. 54; November 30, p. 50; December 7, p. 53, and December 21, p. 54. Copies of the *Diary* have been sent to all our subscribers and should be received in the course of the next few days. We shall be glad to receive an intimation in any case where the *Diary* appears to have been miscarried.

The Government Laboratory Report.

THE Report of the Government Chemist upon the work of the Government Laboratory for the year ended March 31 has been issued this week. The scope of the work of the Laboratory has been extended during the year in question, as samples have been examined for the Air Board, the Ministry of Food, and the Coal Controller, but the total number of samples examined by the Laboratory is smaller than in the previous year because the restriction on the importation and sale of spirits and wines has brought fewer samples from the Customs and Excise Department. Seventy-two samples of non-alcoholic beers were submitted under Section 8 of the Finance Act (Sess. 2), 1914, which exempts from beer-duty beers which are not brewed on licensed premises if the original gravity and proof spirit do not exceed 16 degrees and 2 per cent. respectively. Eleven of the samples were outside both limits, and of 125 herb-beers examined nine contained more than 2 per cent. of proof spirit. An interesting observation is made in regard to samples of beer and wort examined for arsenic. It appears that in seventy-four cases in which excess of arsenic was found all occurred in salts and solutions proposed to be used for treating brewing waters, but in no case was beer from a treated water found to contain arsenic in excess of the limit suggested by the Royal Commission on Arsenical Poisoning— $\frac{1}{100}$ grain of arsenious oxide per gallon of liquid. In connection with table-water duty a number of samples were examined to determine the rate of duty; among these were sixty-one herbal preparations which the vendors claimed were not beverages, but *bona-fide* medicines. In the majority of instances this claim was substantiated by analysis. About 840 applications for permission to receive methylated spirit and other forms of duty-free alcohol for use in manufactures, tuition, and research were examined by the Laboratory in order to advise the Commissioners of Customs and Excise whether there was justification for the particular indulgence asked for. In connection with the sugar-duty, it appears that each consignment of some articles has to be assessed for the duty, manna being one of these. Honey, although not liable to duty when genuine, is sometimes adulterated with invert sugar, upon which duty is payable. The resumption of the manufacture of saccharin during 1917 is mentioned, and samples of saccharin and of the materials used in its production have been analysed for the assessment of duty. The total imports of tea during the year were 311 million pounds. Rejected tea is allowed delivery duty-free for use in the manufacture of caffeine or theine, but the tea has first to be denaturalised under the supervision of Customs and Excise officers. Nine samples of medicines or articles offered for sale as medicines were examined in connection with questions of liability to duty. In addition forty-four other samples of medicinal articles were analysed in order to establish their identity or their medicinal character or in connection with the cocaine and opium regulation. The Laboratory examined a large number of samples of dried milk, which usually contains the milk solids of seven or eight times its weight of whole milk. The water varies from 2 to 8 per cent. For the War Department 288 samples of phenacetin and aspirin were examined, but the result is not stated. Among the samples referred to the Laboratory, under the provisions of the Sale of Food and Drugs Acts, were three samples of cream of tartar (two containing lead and one arsenic) and one sample of Epsom salts which contained lead, confirming in each case the findings of the public analyst. The total number of samples of all kinds examined by the Laboratory during the year was 200,453, against 258,456 in the previous year.

Sale of Clinical Thermometers.

THE National Physical Laboratory is quite unable to deal promptly with the verification of clinical thermometers. It takes a month or more before instruments are returned. In view of the difficulties, we are informed that the Ministry of Munitions have from time to time given permission to makers to sell uncertified clinical thermometers. This permission has been renewed this week. When the Order was issued in October we pointed out the ridiculously short time allowed for verification arrangements to be in working order, but we hardly expected that it would be such a long-drawn-out affair as it has turned out to be.

The "Year-book of Pharmacy."

THE "Year-book of Pharmacy" for 1918, which has just been issued, contains the official report of this year's Conference and 377 pages of abstracts from technical journals, together with names of members, a research list, and other particulars. The convenience of the volume as a work of reference for pharmacists is again manifest, especially in such sections as "Dispensing," "Galenical Pharmacy," and "Notes and Formulae," which, if not entirely free from a suspicion of "padding," will nevertheless repay careful perusal. In the dispensing notes on p. 285 compressed from THE CHEMIST AND DRUGGIST, 1917, the index folio is wrongly given: it should be 663. A "dig" at the British Pharmacopœia on the slip in the "Mel Depuratum" tests is perhaps worth quotation as an example of austere punctilio. "In later issues of the work the error has been corrected by the deletion of the word 'not.' No official intimation of this change appears to have been made to holders of the original issue."

Venereal Disease Clinics.

THE Local Government Board has issued to public authorities a proposal for simplifying the records which have to be kept and returns which have to be made under the regulations issued by the Board in December 1916. In future a single annual return is to be made of the whole of the work carried out at each treatment centre, instead of separate returns for each county or county borough from which persons attend. For this purpose form V.R.2 is issued, and V.R.1 for a preliminary return. In connection with the control of venereal disease it is interesting to note that the estimated cost for the current year in London is 57,225*l*. It is estimated that in the London area the total number of persons who will have received treatment during the year will be 17,000. This means that the treatment of each person involves an outlay of between 3*l*. and 4*l*. As practically all this money goes into the pockets of the doctors, it is not difficult for the medical profession to work up enthusiasm for the beneficent work of the Venereal Disease Act.

The Glycerin Supply.

In further reference to the letters published in the *C. & D.* (November 9, p. 46, and November 16, p. 44) from the Ministry of Munitions, we are now informed by the Director of Propellant Supplies that a decision has been taken to withdraw the requisition on British glycerin, in consequence of which the official control on the supply will no longer be maintained by that Department. The above information will be welcome to the chemical and drug-trades as it means the removal of all restrictions on its sale and use. The position now is that British refiners have a free market and are devoting their energies to giving delivery off their pre-war contracts which were held in abeyance when the Government took over the control. The deliveries are, however, being given in strict rotation, and as refiners are by no means working under normal conditions, some weeks must elapse before ample supplies are assured. Many of these contracts were made at the pre-war figures, which have been advanced on several occasions since August 1914. Moreover, the cost of packages has been considerably advanced. As regards new business some refiners take orders for "delivery as soon as possible," while others are declining business. There seems to be some reason for withholding prices at the present time,

but it may be possible to buy chemically pure at about 120*l*. to 125*l*. per ton. It may be taken for granted that the British combination of glycerin distillers is still in existence, and doubtless in course of time the position will be straightened out. Meanwhile, we note the resumption of imports from Spain and France this week.

"The Cocaine Craze."

THE daily papers are indulging in a riot of articles dealing with the use of cocaine as a stimulating drug. The start of the business was the evidence given at an inquest upon an actress who is supposed to have been a victim of the cocaine habit. Innumerable articles, with sensational headlines, are appearing in the papers; the usual "medical correspondent," "a well-known doctor," and the other stock-in-trade of writers in the lay Press are being exploited. Heroin, opium, and morphine are joined with cocaine, but the authorities seem to have very vague ideas as to the relation of the first three drugs. Several papers advocate that steps be taken to prevent smuggling of cocaine into this country. It is quite refreshing to note that chemists are not being blamed for the present alleged prevalence of the drug-habit. "The Times" states that:—

Probably the best weapon of all against the new cult is knowledge. If people recognised their danger, they would be loth to embark upon these fatal waters. Cocaine spells death—that fact should be made known to all. Again, the medical and dental professions must recognise their responsibilities, and see to it that they never use these drugs unnecessarily.

A chemist told the "Daily Mail" that cocaine-taking is "perhaps the most expensive of the vices." The "Daily Express," which has taken a prominent part in exposing the "Vice Trust," drags in aspirin, phenacetin, thyroid-gland tablets, mescal and yohimbin, the use of which leads to the drug-habit. Users of the last-mentioned, we are told, "die in hospitals or in asylums." Miss Lind-a-Hageby tells the "Evening News" that veronal and trional are drugs to which super-emotional people fly for distraction, "just as you and I go to the theatres or the pictures." The "head of a big firm of druggists" imparted to the same journal the information that "cocaine and opium can be obtained from dishonest doctors and chemists." Dr. Aspinwall, of the Keeley Institute, South Kensington, states that "the whole trouble about these drugs arises, not from the sale by chemists, who are generally not to blame at all, but through the ease with which drugs can be smuggled into the country." The "Sunday Chronicle" says "it is quite clear that only a very small proportion of cocaine and its concoctions and opium is sold over the counters of druggists' shops. The "Weekly Dispatch" is rather pessimistic as to the remedies for the drug-habit, and states "the best that can be done is to try to prevent the drug-habit ever being acquired, or at the very least to see that young people are not deliberately inveigled into, and encouraged in, the habit." It is noteworthy that several papers allege that drug-taking has increased because of the stringent control of the drink traffic.

Demobilisation Memoranda.

A FURTHER notice has been issued by the Department of Demobilisation and Resettlement, which is to the effect that employers may make offers of employment to Service men. Previously it was only men who had situations waiting for them that were to have precedence on demobilisation as "slip men." A definite offer of employment in writing, if produced to his commanding officer by the officer or man concerned, will be accepted as evidence that employment is awaiting him, and the man will be registered by his commanding officer in the same way as a "slip man." The offer must be in the following form:

I (we) (full name and postal address of employer) hereby declare that (full name and naval or military number and address of employé) was in my (our) employment before August 4, 1914, and that I (we) are prepared to offer him employment as a (name and occupation) immediately on his return to civil life (or give the date after which the employment will be available).

The offer must first be sent in the case of officers to the local District Director of the Appointments Department, and in the case of other ranks to the local Advisory Committee attached to the nearest Employment Exchange. These official bodies will forward the offer to the address given by the employer. If the officer or man desires to accept the employment offered, he will hand the statement to his commanding officer, who will then register him for demobilisation. This procedure is additional to (1) the selection of pivotal men now in progress, and (2) the use of the civil employment form, which is now being filled up by members of the Forces, and the postcards (E.D. 406) and R.C.V. forms which employers have been invited to fill up. It is designed to hasten the identification for demobilisation of those members of the Forces who have pre-war employment awaiting them. The actual date of demobilisation will depend partly on naval and military exigencies, and partly on the transport and other accommodation available, but no other formalities will be required. Offers of employment to pre-war apprentices should be made by their former employers in the same way as offers to other pre-war employes. Officers and men on leave in this country from overseas who wish to accept offers of re-employment from their pre-war employers must (1) get the offer endorsed by the local District Director or local Advisory Committee, if it has not been so endorsed, (2) take or send the endorsed offer to the following authorities, who will arrange for them to be demobilised, unless they are indispensable for the present to the Forces:

Navy.—Officers, to Admiralty (C.W. Branch), London, S.W. 1. Other ranks and ratings to their depôts, or if they are not attached to one, to the nearest depôt.

Army.—Officers, to the War Office. Other ranks, to their Military Record Office.

Air Force.—Officers, to the Air Ministry. Other ranks, to the Record Office, Blandford.

In regard to "one-man business" men, a new form—D.F. 2a—has been issued by the Ministry of Labour (Demobilisation and Resettlement Department) for the demobilisation from the Forces of "one-man business" men. The forms, which can be obtained from Employment Exchanges, are to be filled up on behalf of the proprietor by his trade association, or by the wife or a relative of the proprietor or the present manager of his business, and when completed, are to be forwarded to the local Advisory Committee of the district. It will be noted that men are demobilised but not discharged from the Army. Officially they are transferred to class "X" until the termination of the war.

Record of Goods on Order.

THE FOLLOWING will be found by chemists to be a very useful method of keeping a record of orders for goods which are temporarily out of stock, and which have been promised to a customer as soon as they can be obtained. It frequently happens that such orders are overlooked and many sales lost for want of some simple system of dealing with them. A small card-index cabinet should be procured having a number of cards marked A, B, C, D respectively, or, if desired, cards each bearing the name of a manufacturing or wholesale firm with whom the chemist has dealings. When an order is received for goods which happen to be out of stock, and arrangements have been made to send them to the customer as soon as they are obtained, a note of the matter should be made on a slip of paper, which, after the goods have been ordered, should be placed in the file in front of the card bearing the name or initial of the firm from whom the goods have been ordered. The card cabinet should always be kept on the checking bench, and whenever a consignment of goods comes in it should be referred to to see whether any of them are required to be sent out. If this is found to be the case, the goods, together with the slip, should be handed to the assistant who received the order, so that he may complete the transaction.—*J. S. A.* (213/28).

ST. LUCIAN HONEY.—Good progress is being made with the production of honey in St. Lucia. Now that lime-planting has become general, increased attention is being paid to beekeeping by lime-growers, as the value of bees in fertilising the flowers, thus producing larger crops of fruit, is becoming more generally recognised. The result is that the exports of honey show an increase of 17,389 lb. during the last two years, the exports in 1917 reaching 46,724 lb.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Hampshire.—The Pharmaceutical Committee met at Winchester recently. Mr. S. G. Bartlett (Chairman) presided and reported on the work done by the representatives of the Insurance Committee in regard to chemists and military service. It was resolved to express to the Insurance Committee appreciation for the services rendered. The reports of the Central Checking Bureau for June and July, were approved. The Secretary was instructed to report to the Insurance Committee complaints of doctors ordering repeat mixtures referring to former months' prescriptions. It was agreed that in future chemists' accounts be paid in full after checking.

Northampton.—At the meeting of the Insurance Committee on December 10, the Medical Benefit Sub-Committee reported that no allowance corresponding to the additional 0.45d. per prescription was made to the Royal Victoria Dispensary and the Medical Institute, the two approved institutions charged with the medical treatment of insured persons, and it was resolved that the Commissioners be urged to add a proportionate allowance to the capitation-fees payable to such institutions in respect of the provision of drugs.

Portsmouth.—The payments to chemists for September amounted to 291l. 16s. 10d., or an average of 8.01d. per script on 8,746 scripts.

Sheffield.—A meeting of the Insurance Committee was held recently at the Town Hall. The Clerk reported the receipt of a letter from the Pharmaceutical Committee forwarding a list of chemists who desire to alter the hours of dispensing as from January 1, 1919. It was decided that the applications of change of hours be not acceded to, and that the hours for dispensing prescriptions in the year 1919 be the same as the current year. The Clerk estimated the expenses of the Committee for 1919 at 3,360l. Payments to chemists were ordered totalling 975l. 5s. 11d.

Smethwick.—The Insurance Committee met recently, when the Medical Benefit Sub-Committee recommended that the ratio between the current Tariff and that of Article 5, as ascertained for January last, be adopted for the year. A letter from the West Midlands Joint Committee, suggesting the adoption of a Local Pharmacopœia for the areas comprising the group, was referred to the Panel Committee. During the half-year ended June 39,379 prescriptions were dispensed, at a total cost of 1,035l. 18s. 8d. and an average cost of 6.30d. (ingredient-price 2.92d., dispensing-fee 3.38d.). The Pharmaceutical Committee recommended the adoption of the proposed Tariff for 1919. The Sanatorium Sub-Committee recommended that prescriptions for domiciliary patients be made distinguishable from ordinary prescriptions and be scrutinised quarterly, with a view of checking excessive prescribing. Payments of chemists' accounts totalled 125l. 10s. 5d. for August-September and 152l. 1s. 2d. for September-October.

Southport.—At the monthly meeting of the Insurance Committee payment was ordered of chemists' accounts for September and October 1918, amounting to 122l. 10s. 3d.

Warwickshire.—The Insurance Committee at its meeting on December 5 elected Dr. Nason (Nuneaton) as Chairman of the Sanatorium Benefit Committee, and Mr. Charles Davis, chemist and druggist (Leamington), as Vice-Chairman.

SCOTLAND.

Glasgow.—At a meeting of the Burgh Pharmaceutical Committee, the Commissioners' proposed arrangements for pharmacy service for 1919 were discussed. The decision of the Pharmaceutical Standing Committee (Scotland), which was arrived at after the matter had been very fully considered by the General Council of Panel Chemists, was submitted, discussed, and agreed to. The Committee decided to recommend to the panel chemists of the Burgh acceptance of service for 1919 under the *status quo*.

MR. CHARLES F. SHEWELL, chemist and druggist, has taken over the business of Mr. F. W. Hoyle, 1 Market Place, Wetherby.

A. D. CHESTER & CO., LTD., chemical manufacturers, have removed to 7-8 Idol Lane, Great Tower Street, London, E.C. 6. Mr. A. D. Chester, managing director, has now resumed active participation in the above company, his resignation having been accepted by the War Office.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council was held on December 18 at 16 Bloomsbury Square, London, W.C., the President (Mr. W. L. Currie) in the chair. The other Councillors present were the Vice-President (Mr. E. T. Neathercoat), Miss Buchanan, and Messrs. R. L. Gifford, A. H. Jenkin, L. M. Parry, P. F. Rowsell, F. P. Sargeant, H. Skinner, E. White, H. Wolff, and J. R. Young.

The minutes of the previous meeting were read and confirmed.

THE LATE MR. W. L. HOWIE.

Before proceeding to the business of the meeting, the PRESIDENT briefly announced the death, from heart-failure, of Mr. W. L. Howie (see p. 41), and said that at the next ordinary meeting of the Council he would move a resolution.

NEW BY-LAWS CONFIRMED.

The PRESIDENT moved that the by-laws read for the first time on December 4 (*C. & D.*, December 7, p. 48) be confirmed. The VICE-PRESIDENT seconded. Questions on the exact force of certain words and phrases in the new by-laws were asked by Miss BUCHANAN, Mr. PARRY, Mr. SKINNER (who elicited a definite statement that the proposed new regulations will be published for the inspection of members before being sent to the Privy Council), and Mr. WOLFF. The confirmation was then unanimously agreed to, and the public business ended.

Pharmaceutical Society of Ireland.

Council-meeting.

The monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on December 10, Mr. James Michie (President) in the chair. The following members of the Council were also present: Dr. J. A. Walsh, Messrs. W. F. Wells, Charles E. Digges, A. Owen Wells, G. A. McLean Lees, G. D. Beggs, J.P. (Hon. Treasurer), H. Lancashire, J.P., R. Blair, Victor E. Hanna, and John Smith.

The PRESIDENT stated that he had received apologies for non-attendance from the Vice-President (Mr. J. E. Connor, J.P.) and Mr. D. M. Watson.

A ROYAL MESSAGE.

The Registrar (Mr. A. T. Ferrall) read the following replies to the telegrams directed to be despatched at the previous meeting of the Council:

"The King thanks the Council of the Pharmaceutical Society of Ireland for their kind and loyal congratulations upon the conclusion of the Armistice with Germany."

Viscount French telegraphed:

"Please accept my warmest thanks for their kind message."

The Prime Minister replied:

"Dear Sir,—I am directed by the Prime Minister to convey to you and to the Council of the Pharmaceutical Society of Ireland his thanks for your kind telegram of November 13.—Yours faithfully, F. L. STEVENSON."

Mr. A. OWEN WELLS proposed that the replies be mounted, suitably framed, and hung on the walls of the Council's premises.

Mr. BLAIR seconded the motion, which was unanimously adopted.

Mr. WELLS stated he would provide the frames.

DISPENSERS IN HOSPITALS.

The Registrar read a communication from Mr. Geo. W. Gibson, Hon. Secretary of the Public Pharmacists' Association, St. Bride Institute, Bride Lane, London, E.C., regarding the dispensing of medicines at hospitals, infirmaries, etc., in Ireland, and stating that his Association, representing registered pharmacists engaged in dispensing for such institutions, has taken an active part in making representations to the authorities in Great Britain in order that the person in charge of any dispensary should be a registered pharmacist.

DEMobilISATION.

The Registrar submitted a letter from the Ministry of Labour inviting the nomination of a representative of the

Society to serve on an Advisory Committee to consider applications for release of pharmaceutical chemists on demobilisation.

Mr. D. M. Watson was appointed as representative of the Council to act on the Committee.

CHANGES OF ADDRESS.

Communications were received from the following notifying changes in their address:

Mr. M. J. White, Ph.C., to 58 Haddington Road, Dublin; Mr. H. P. Heney, Ph.C., to c/o Fassett & Johnson, Ltd., 233 Clarence Street, Sydney; Mr. J. F. O'Hara, Ph.C., to the Medical Hall, Trim, co. Meath; Mr. J. P. Timmon, Ph.C., R.A.M.C., to King George V. Hospital, Arbour Hill, Dublin; Dr. T. Mather Thomson, Ph.C., to 15 Fitzwilliam Square, Dublin; Mr. George Strong, Ph.C., to the Medical Hall, 22 Main Street, Tipperary; Mr. H. C. Meyrick, Ph.C., to c/o Mr. F. J. Meyrick, M.A., "Cooldrinagh," Vernon Grove, Rathgar, Dublin; Miss Margaret Kingston, Ph.C., to c/o Madden & Co., Ltd., The Square, Skibbereen, co. Cork; Mr. H. Crossin, Ph.C., to 130 Donegal Street, Belfast; Mr. M. J. Bunyan, Ph.C., to the Medical Hall, Castleisland, co. Kerry; and Mr. A. Warren, R.D., R.A.M.C., to 31 The Common, Woolwich.

PRELIMINARY REGISTRATION.

The following who submitted certificates of other bodies were admitted to preliminary registration:

Miss Hannah O'Sullivan, 50 Townsend Street, Skibbereen; Mr. Michael Jas. Wyld, Goldsmith Street, Dublin; Mr. Joseph J. Travers, 121 Capel Street, Dublin; Mr. A. Macpherson Beckett, 1 St. Mary's Terrace, Athlone; and Mr. Charles Fitzpatrick, Hill Street, Newry.

DEATHS.

The Registrar read a letter from Mr. Samuel Sprott, Portadown, notifying the death in Palestine of his son, Sergeant Thomas Sprott, R.A.M.C., M.P.S.I., who passed away on October 8 from pneumonia following influenza. "Needless to say," wrote Mr. Sprott, "his death has been a great blow to us, as he was a model young man, and held in great respect by all who knew him, and no doubt if his life had been spared he would have been an honour to your Society. He has, however, done a good day's work for King and country too. He joined up in August 1914, and has been on active service for about three and a half years in Palestine and Egypt."

Mr. Aiden J. O'Sullivan wrote notifying the death of his father, Dr. John James O'Sullivan, Ph.C., Waterford.

Certificates of the deaths of Mr. J. B. Hay, Ph.C., Belfast, Mr. Joseph Irwin, R.D., Limavady, and Mr. J. W. Smyth, R.D., Belfast, were submitted.

The Registrar reported the deaths of Mr. D. Donnelly, Ph.C., Dungannon, Mr. M. Duan, Ph.C., Dublin, Mr. T. J. Farrell, Ph.C., Dublin, and Mr. Thomas R. Connolly, Ph.C., Dundalk.

THE SOCIETY'S CALENDAR.

It was decided that there should be no issue of the Society's Calendar in 1919.

REPORTS FROM COMMITTEES.

Reports from the Law Committee and the House Committee were received and adopted.

APPOINTMENT OF EXAMINERS.

On the motion of Mr. DIGGES, seconded by Mr. W. F. WELLS, Mr. Wm. Johnston, B.A., was re-elected an Examiner for the Preliminary examination.

On the motion of Mr. BEGGS, seconded by Mr. VICTOR E. HANNA, Dr. Henry Hunt, M.P.S.I., was re-elected an Examiner to conduct the Materia Medica and Botany division of the Pharmaceutical Licence examination.

ELECTIONS.

Mr. Wm. Macartney, Ph.C., Messrs. Grattan's, The Crescent, Belfast, and Mr. S. G. Mackey, Ph.C., Conway Square, Newtownards, were elected members.

Mr. Robert P. Parker, R.D., Michael Street, Waterford, and Mr. Bryce McDowell, R.D., Bridge End, Belfast, were elected associate druggists.

NOMINATIONS.

The following were nominated as members of the Society:

Mr. P. J. Barry, Ph.C., Dillon's Pharmacy, Loughrea, co. Galway; Mr. W. J. Bateman, Ph.C., Shannon Vale, Clonakilty, co. Cork; Mr. M. J. Butler, Ph.C., Abbey Street, Wicklow; Mr. Patrick Kilran, Ph.C., Fermanagh Street, Clones; Miss Mary D. Oliphant, Ph.C., 20 Drumcondra Road, Dublin; Mr. M. J. White, Ph.C., 58 Haddington Road, Dublin; Mr. Wm. H. Madden, Ph.C., Prospect House, North Road, Bloomfield, Belfast; and Mr. W. J. Rankin, jun., Ph.C., 11 Waring Street, Belfast.

Mr. Thomas McBurnie, chemist and druggist, 32 High Street, Newtownards, was nominated as an associate druggist.

A WEEKLY INCREASE in wages of 5s. has been granted to over 2,000 employés of Levenstein, Ltd.

Associations' Winter Session.

Birmingham.—Mr. W. L. Currie, President of the Pharmaceutical Society, received a cordial welcome from Midland pharmacists on December 11, when he attended the inaugural meeting of the session of the Birmingham Pharmaceutical Association, which was held at the Grand Hotel. Mr. H. O. Lloyd, the local President, was in the chair, and the gathering included the Presidents and Secretaries of Associations in neighbouring towns. Mr. Currie spoke on *Current Pharmaceutical Topics*, and affirmed at the outset that the predominant wish of the Pharmaceutical Council was to promote the progress of the science and art of pharmacy and the efficiency of every individual engaged in its practice. Towards this end he emphasised the paramount importance of the training of apprentices. At the present time curriculum and a division of the Qualifying examination are talked about. He himself laid a scheme before the Council in 1911, when he was Vice-President, but it was pigeon-holed at the time by reason of the passing of the Insurance Act, and later by the outbreak of war. He thought, however, the scheme had been consulted in the drafting of the by-laws which were now under consideration. He advocated the inclusion of a code of ethics in the by-laws, and was one of two who in 1894 suggested such a code. The proposals made at that time were, briefly, that all persons engaged in pharmacy should be registered, separate registers being kept for graduates and undergraduates; that all shops for the sale of drugs should be registered; that registration should be maintained under an annual licensing-fee; that medicines should be compounded or distributed by registered graduates only, or by registered undergraduates under the supervision of a graduate; and that the Pharmaceutical Society should be empowered to exercise control over the conduct of its licensees, even to the removal of names if need be. These proposals were also pigeon-holed, but he still hoped to see a code of ethics embodied in the by-laws. Mr. Currie then discussed the division of the examination and the work of the Pharmaceutical Council. They were told there were sleepers in the Council, but he reminded them that the men who spoke most did not do most. Even in the matter of territorial representation—a subject which was to the fore at present—the Council was perfect, except that Scotland had two representatives only instead of three. If, however, the electorate wanted territorial representation as such, the Council would not hesitate to take steps to try and bring it about, but he thought it would require an Act of Parliament. He next spoke of the position of pharmacists in the Army and Navy, and said he hoped soon to see a pharmaceutical service attached to the Army. In the Navy, too, a scheme of reconstruction had been practically agreed to with the Navy Medical Director under which pharmacists would get commissioned rank. Another scheme which had not been brought so prominently to the notice of the trade related to disabled soldiers and sailors. The object was to assist the Ministry of Labour and the Ministry of Pensions in an endeavour to compensate the men who had given so much for the country and enable them to get a living wage in a calling different from that which they had been compelled to give up when called to the Colours. The scheme was already in operation, but so far only two or three applications under it had been made. It was only a temporary arrangement to assist men out of a difficulty. Reviewing the work of the Local Associations Executive, Mr. Currie said it had done magnificently during the year. It was due entirely to the efforts of this Executive that the position had been eased with regard to glycerin, sugar, spirit, and various other things. With regard to Insurance there was a difference of opinion, but he thought the Executive acted wisely in accepting the terms with the proviso that the question of better terms could be raised in the near future. Touching upon the War Auxiliary Benevolent Fund, he said the object was to assist those associated with pharmacy who had suffered loss through enlistment. It was intended to give financial assistance for reinstatement in business, to help those whose training had been interrupted by national service; in fact, to lend a helping hand generally to assistants and dependants of assistants, whether qualified or not. The Fund was not intended to apply to persons who in August 1914 were not connected with pharmacy in any way, nor was it to be used to establish in business anyone not in business prior to the war. There were some 6,000 men on active service to whom the Fund was applicable, to say nothing of the dependants of those who had fallen. The Government could do nothing for many of the cases the Auxiliary Fund was actually dealing with, and very little, compara-

tively speaking, for a large number of others; and he felt that the Fund had a strong claim upon the chemists of the country. Mr. Lloyd mentioned that Birmingham had already subscribed 570*l.*, and hoped in time to reach 1,000*l.* He noted in *THE CHEMIST AND DRUGGIST* a reference to the splendid generosity of Sir Josse Boot, whose decision to allocate a donation of 5*l.* for each of the company's shops added 90*l.* to the Birmingham total. Mr. A. W. Gerrard described the President's address as breathing a democratic spirit suitably to the times. Sir Thomas Barclay added a few words of welcome to the President, and said he was glad to help the scheme for assisting those incapacitated by the war. Mr. Lloyd mentioned that all the local Parliamentary candidates had been asked whether they would support the contention that dispensing should be separated from prescribing in any State medical scheme. Sir Francis Lowe had replied in the affirmative. On the motion of Mr. C. Thomson, seconded by Mr. F. J. Gibson, Mr. Currie was accorded a hearty vote of thanks. In the evening Mr. and Mrs. Lloyd gave a reception, and subsequently about seventy sat down to supper, with Mr. Currie as the principal guest. After the usual toasts and a business-like inaugural address by Mr. Lloyd, Miss C. G. Hill, a member of the Association, gave a short account of the recently formed Birmingham and Midland Association of Women Pharmacists. A musical entertainment followed, to which Mr. Currie contributed three songs.

Bradford.—Mr. W. Sutcliffe presided over a meeting of the Bradford Pharmacists' Association on December 12. It had been intended that Mr. H. Miller (Cheltenham) should give an address on "The Future of British Pharmacy," but a telegram was received announcing that Mr. Miller was unable to come to Bradford owing to the sudden illness of his wife. The Secretary was instructed to send a wire to Mr. Miller, expressing the regrets of the Association and hopes of the speedy recovery of Mrs. Miller. Messrs. S. H. Bolton and J. W. Wright were elected to membership. Some discussion arose upon the Pharmaceutical Society's circular, inviting Associations to study the reports of the Pharmaceutical Council meetings for purposes of debate, but it was felt that the Association has usually as much business of its own as it can get through at the meetings, and that it was to be assumed that all members with any interest in their craft read the reports of the Council-meetings in the pharmaceutical Press. Similar feelings were expressed in regard to the addresses of Dr. Addison and Mr. Glyn-Jones, of which reprints were offered by the Society. The President, on behalf of the members, presented a handsome oak barometer to Mr. W. I. Jolly, the Association's Treasurer, in recognition of his recent marriage and as a mark of esteem, for which Mr. Jolly expressed thanks. The Secretary reported that the Association had raised, to date, 253*l.* 19*s.* 6*d.* towards the War Emergency Benevolent Fund, of which 148*l.* 14*s.* had already been paid over to the Society. Several members had not yet contributed or promised, and it was resolved that these members should be again circularised. After discussion, it was decided to make no recommendation as to Christmas holidays, two days being felt to be as long as the craft could spare.

Cardiff.—A general meeting of the Cardiff Pharmacists' Association was held at the Queen's Hotel on December 11, Mr. J. Murray (President) in the chair, when the election of officers for 1919 resulted as follows: *President*, Mr. A. S. Johnson; *Vice-President*, Mr. Owen Jenkins; *Treasurer*, Mr. J. Murray; *Hon. Secretary*, Mr. A. J. Harris; *Assistant-Secretary*, Mr. A. T. Mogg; *Commercial Secretary*, Mr. S. B. Eason; *Committee*, (Roath) Mr. Poole, (Cathays) Mr. J. W. Jenkins, (Canton) Mr. F. Lee, (Splott) Mr. G. W. Hague, (Docks) Mr. D. Davies, with Messrs. A. Hague, Leo Joseph, and J. A. Jones co-opted; *Auditors*, Messrs. Geo. Edwards and J. Lee Jones. The "Victory" dinner was held the same evening at the Queen's Hotel, among the guests present being the Lord Mayor, Mr. Cecil Brown, and Mr. C. Coles, and the Cardiff ladies turned up in force, and it augurs well for future events. The President (Mr. J. Murray) proposed the toast of "The Craft and the Pharmaceutical Society of Great Britain," to which Mr. Hagon responded. "The City of Cardiff" was proposed by Mr. Evan, and the Lord Mayor replied in a witty speech. "The Ladies and the Visitors," proposed by Mr. Leo Joseph, was responded to by Mr. Cecil Brown (Clerk to the Insurance Committee) and Mr. J. Murray. Principal Coles complimented the Cardiff Association, and Mr. A. S. Johnson (Vice-President) suitably replied. English, Welsh, and Scottish airs and the National Anthem, sung by the company, concluded the proceedings.

Edinburgh.—The third meeting of the forty-first session of the Edinburgh Chemists', Assistants', and Apprentices' Association was held in the Pharmaceutical Society's House,

36 York Place, on December 11, Mr. Henry Stout, Ph.C. (President), in the chair. The President referred to the death, the one in France and the other in Mesopotamia, of two past Presidents of the Association—namely, Captain Bruce Macdonald Brander and Lieutenant Edward J. Brown. It was particularly sad that, after passing through all the dangers of actual warfare, both were struck down by illness after the Armistice began. Mr. H. W. Blair, Vice-President, explained by means of a large number of equations the production and constitution of the azo series of aniline dyes, starting with Piria's reaction and the researches of Kolbe and Peter Gneiss. This was followed by an interesting communication on *Gas Economy* by Mr. J. Lothian, Ph.C., who showed the advantages for certain domestic and laboratory purposes of intensive burners giving a homogeneous flame. The reading of the papers was followed by an interesting discussion, and a cordial vote of thanks was awarded to the authors.

Great Yarmouth.—The monthly meeting of the Great Yarmouth Pharmaceutical Association was held at 156 King Street on December 4, Mr. J. S. Shearman (President) in the chair. The letter from Mr. W. S. Glyn-Jones on State prescribing and dispensing was read, and the Secretary was instructed to write to the local Parliamentary candidates in accordance therewith. Mr. Glyn-Jones' address delivered to the London Association was read and discussed. It was resolved that the Association approves of the principle of unified control, and looks to the Pharmaceutical Society as the proper body to carry out the reorganisation. It was suggested that the Society submit its scheme of organisation to the Association as soon as convenient.

Hampshire.—The annual meeting of the Hampshire Pharmacists' Association was held at Winchester on December 4, Mr. C. S. Davies (President) in the chair. The reports of the Secretary and the Treasurer were adopted, and a donation of three guineas was voted to the Benevolent Fund. The officers elected for the ensuing year were: *President*, Mr. E. H. Smith (Gosport); *Vice-President*, Mr. S. G. Bartlett (Winchester); *Treasurer*, Mr. F. Wainwright (Eastleigh); *Hon. Secretary*, Mr. C. H. Baker (Cosham). The *Committee* was re-elected. Mr. F. E. Bilson, Treasurer of the Pharmaceutical Society, appeared on behalf of the War Auxiliary Benevolent Fund, and it was decided to organise a collection throughout the county. Votes of thanks concluded the meeting.

Harrogate.—Mr. F. G. Hines, member of the Council of the Pharmaceutical Society, addressed a well-attended meeting of the Harrogate Pharmaceutical Association on December 12. He opened his remarks by making a strong appeal on behalf of the War Auxiliary Benevolent Fund, and then commented briefly on the organisation report, dealing with the whole matter on general lines, showing the opinions so far expressed in the published reports of various Associations. He compared the insipid official report with that of the Glasgow and West of Scotland Association. It is most remarkable, he said, that several of the leading points of his last address to the Harrogate Association some two years ago, prior to his election as a member of the Council, were gradually becoming the settled conviction of pharmaceutical opinion. He emphasised the fact that he stood by the policy then expounded, especially "territorial representation," and that there should be some body that could speak for a united trade. The qualified man in the public services (Army and Navy) then received attention, and the protection of the title "chemist." The proposed new by-laws were then thoroughly discussed. It was unfortunate that in making his appeal on behalf of the War Auxiliary Fund and on his discussion of the organisation report that Mr. Hines was hampered considerably by the fact that the Association had received no official communication on these matters. The members present asked many questions, and subsequently heartily thanked Mr. Hines for his visit.

Huddersfield.—The Huddersfield Chemists' Association met on December 12 at the Chamber of Trade Rooms, Mr. V. Shaw (President) in the chair. It was decided, after a letter from the Pharmaceutical Society, that the local Committees should deal with men released on demobilisation, and that any cases requiring the assistance of the Central Committee should be referred to it. A letter of sympathy was ordered to be sent to the relatives of the late Mr. W. T. Bygott, one of the oldest chemists in the town, who had recently died. Mr. R. C. Walshaw was appointed Treasurer of the War Auxiliary Fund, towards which promises of substantial assistance have been received. It was decided that members having surplus stocks should bring lists to the monthly meetings so that others requiring supplies could obtain the articles they require.

Leeds.—The members of the Leeds Chemists' Association and a number of visitors from surrounding towns were addressed on December 12 by Mr. W. S. Glyn-Jones, Secretary of the Pharmaceutical Society. Mr. N. N. Armistage, who presided, in welcoming the visitor, said Mr. Glyn-Jones was the foremost man in pharmacy, and had done more for it than any other man, past or present. Mr. Glyn-Jones answered some of the criticisms of the Pharmaceutical Society. He paid tribute to the way in which chemists allowed their hands to be tied, in regard to the remuneration for National Insurance Act work, by their duty as citizens in carrying on a public service in a time of great need. In view of the coming return to better conditions, future negotiations, he said, will have to undergo a change. He urged local Associations to assist in the preparation of a complete record of all the war service and war work of chemists at home and abroad. The most immediate question before the craft is the return of the men and their fitting into the civil machine. Demobilisation plans on a large scale have been made, and a special Advisory Committee has been appointed. The very hardest cases, where a business cannot carry on fully owing to the absence of a qualified man, or where National Insurance Act work is in danger of breaking down, will have the earliest consideration. In the same way as in the days of recruiting, there will be great dependence on the local Associations' guidance in regard to precedence of demobilisation. The young men who have gone to the Army will come back seriously handicapped, and every facility must be given them for getting on to the register. Fortunately, there is no reason to anticipate failure of the proposals for their training. If the men are not trained to qualify, it simply means that there will be masses of unqualified Army dispensers hanging for years on the flanks of pharmacy. Schools of pharmacy, set up in France as well as in England, so that the men might be learning during the waiting period which is to come, will enable them to return more nearly ready for the examinations. Master chemists must exercise some patience and let these men have the chance to take advantage of whatever the Government might offer. Negotiations with the military authorities in these matters have brought the craft face to face with the necessity for the division of the Minor examination. It is not a fair test to put a man through all the eight or nine subjects at once, particularly as hitherto no test of practical training in a pharmacy has been required. It was now intended that the examination might be taken in two portions, and it should be insisted upon that before undergoing the final part of the examination, a student should have some practical experience in a shop. The division of the Minor need not affect those already in the business if they desire to take the examination all at once. A watchful eye must be kept upon developments in the nation's medical service. Whether the old system of individual shops was to be maintained in the future, or the service is to be brought entirely under the State, chemists must be prepared to see to it that they occupy their proper place. After answering a number of questions by Mr. J. H. Beacock, Mr. C. E. Marriott (on leave from the R.A.M.C.), Mr. J. Pendlebury, and others, Mr. Glyn-Jones was thanked for his attendance and address.

London County.—A meeting of the London County Pharmaceutical Association was held on December 10, Mr. J. Keall (President) in the chair, when a resolution was received from the South-East London Chemists' Association urging the fixing of minimum prices throughout the county for clinical thermometers, according to grade. This was referred to the Trade Sub-Committee. The Secretary reported that he had sent a letter to each London Parliamentary candidate concerning the separation of dispensing from prescribing under any State medical scheme, and that with one exception the replies were favourable. Mr. Melbush urged that the Joint Advisory Committee should press the authorities for the release of men from the Army at the earliest moment. Information was received that a list of subscribers to the War Auxiliary Benevolent Fund would be published week by week, and in order to verify the record of London subscriptions the Secretary was requested to examine the lists as published. The question of holding a dinner in the spring was referred to the Organisation Sub-Committee.

Manchester.—The monthly meeting of the Manchester Pharmaceutical Association was held at 65 Market Street on December 11. Mr. J. H. Nidd (President) occupied the chair, and stated that a circular letter had been sent to fourteen Parliamentary candidates relating to the dispensing of prescriptions by qualified chemists, and also regarding the Shors (Early Closing) Act. Thirteen of the candidates had replied assuring their support to chemists in both matters. Mr. W. Kirkby, M.Sc., Ph.C., then gave a lecture on *The Venereal Disease Act*, tracing the history of the

measure, giving statistics of the ravages of the diseases in question, and explaining the procedure under the Act. He thought that pharmacists should be represented on the National Council for Combating Venereal Disease, which comprised sixty members but no chemist, and a resolution was carried to that effect. Professor R. B. Wild, M.D., F.R.C.P., supplemented Mr. Kirkby's address, describing the symptoms and virulent nature of syphilis. He promised, in conclusion, to see that the error of omitting pharmacists from the National Council was rectified.

Monmouthshire.—The annual meeting of the Monmouthshire Pharmaceutical Association was held at Pontllanfraith on December 12, Mr. F. W. Evans (Vice-President) in the chair. The officers elected for the ensuing year were: *President*, Mr. F. W. Evans (Cwmfelinfach); *Vice-Presidents*, Mr. H. O. Thomas (Abersychan) and Mr. T. H. Prichard (Abertillery); *Treasurer*, Mr. A. C. Sumption (Blackwood); *Hon. Secretary*, Mr. B. Thomas (Cwmbran). The Treasurer reported a substantial balance in hand from which the usual donation of one guinea was made to the Benevolent Fund. Attention was drawn to the War Auxiliary Benevolent Fund, and the Secretary said that he was making a direct appeal to each pharmacist in the area. Complaints were made upon the delay in the payment of Insurance accounts, and at a subsequent meeting of the Pharmaceutical Committee the Secretary was directed to communicate with the Clerk of the Insurance Committee.

Sheffield.—A meeting of the Sheffield Pharmaceutical and Chemical Society was held on December 11, Mr. A. H. Culverhouse presiding. A vote of condolence with the family of the late Mr. Wm. Booth (who had been an associate of the Society for twenty-five years) was passed. Mr. W. P. Evans, President of the Liverpool Pharmaceutical Association and chairman of Evans, Sons, Lescher & Webb, then gave some humorous experiences of his *Forty Years in the Wholesale Business*, mentioning that the members of his company have all been on the representative staff in order that they might the better realise the difficulties of the retailer. A hearty vote of thanks was accorded to Mr. Evans for his very entertaining address.

West Ham.—A meeting of the West Ham, East Ham, and Metropolitan Essex District Association of Pharmacists was held on December 5 at Earlham Hall, E., the President (Mr. C. A. Jones) in the chair. The Secretary was instructed to communicate with candidates for Parliament, asking them to support the separation of prescribing from dispensing in any State medical scheme. The War Auxiliary Benevolent Fund was discussed and a list for subscriptions opened. It was decided to take no action regarding the letter from the Devon Pharmaceutical Association re Allen & Hanbury's prices, as the company had been gradually increasing their profits during the last few years. Mr. Potter intimated that 154% had been subscribed to the Kirkpatrick Memorial Fund, and as 200% is necessary to accomplish what the Association has in view, it was decided to have a whist-drive at The Laurels, Plaistow Broadway, on January 9, in order to assist the object. The following resolution was unanimously passed: "That the members of this Association urge the London Association Executive to take the necessary steps to encourage pharmacist employers to form their Employers' Association, in order to assist in the formation of the industrial Councils as suggested in the Whitley Report."

Aluminium Hydroxide as an Excipient.

As a substitute for vaseline, lanolin, etc., Crouzel ("Giorn. farm. chim.," 66, 370) proposes the use of aluminium hydroxide, which, he maintains, possesses the following advantages: It is tasteless and not modified by exposure to the air; is unctuous to the touch; does not stain the skin or clothing, and has no action on the skin and mucous membranes; does not attack metals; it softens the tissues and does not impede the absorption of the medicaments for which it is used as an excipient. It retains water; does not reduce potassium permanganate; metallic salts, alkalis, sulphur, and all substances generally prescribed in the form of ointments are readily incorporated in this excipient. It may be placed in wooden or cardboard containers without penetrating them. This excipient is obtained by precipitating a saturated solution of alum with solution of ammonia, washing the precipitate of $Al_2(OH)_6$ thus obtained, and drying at 30° C.

PORTUGUESE CHEMISTS SHORT OF SUGAR.—The Oporto chemists are exceedingly short of sugar. One pharmacy paid \$1.80 per kilo. for it, although it was of poor quality. To obviate this difficulty the Municipality has requisitioned 300 kilos. for the chemists and hospitals.

Trade Report.

42 Cannon Street, E.C. 4, December 19, 3 p.m.

THE approach of the stocktaking period and the Christmas holidays are beginning to exert their usual disturbing effect on business, with buyers supplying their immediate wants only. Next week the produce markets will be closed from Tuesday, and will not re-open until Monday, December 30. Although there is a continued easing off in prices generally, there is little disposition on the part of holders to force sales, as such a course would be futile in the present state of the markets. Export embargoes are gradually being removed, and when business is fully resumed in the New Year there may be a reaction in many pharmaceutical chemicals unless we receive more generous supplies from abroad. It is, of course, in the interests of all that there should not be a too rapid decline in prices, but at the same time there will have to be a gradual adjustment in many products to a more normal, but not pre-war, level. The liquidation of the large stocks of chemicals, etc., held by the Government is a matter of some concern to the trade, and an official statement of the descriptions and quantities, and what the Government's intentions are as to disposal, would be welcome in order to relieve the feeling of uncertainty. Among fine chemicals, a further reduction has been made in acetanilide, salicylic acid (owing to the carbolic acid position), chloral hydrate, and milk-sugar. Permanganate of potash of English make is offered at a considerably lower figure. Phenazone, creosote carbonate, and sulphonal are dearer. Amidopyrin remains firm. Barbitone, hexamine, resorcin, salol, and paraldehyde are all a trifle easier. Other changes include a decline in cloves, farina, black pepper, shellac, senega, honey, glucose, gambier, canary and fenugreek seeds.

Higher	Easier	Lower
Amidopyrin	Acetanilide	Cloves
Creosote carbonate	Anise oil, star	Farina
Phenazone	Aspirin	Fenureek-seed
Sulphonal	Barbitone	Gambier
	Benzoic acid	Glucose
	Canary-seed	Honey
	Clove oil	Pepper (blk.)
	Hexamine	Petrol
	Methyl salicylate	Petroleum
	Milk sugar	Potash
	Paraldehyde	permanganate
	Pimento	Potash
	Resorcin	sulphoguaiacolate
	Salol	Saccharin
		Saffron
		Salicylic acid
		Senega
		Shellac
		Terpin hydrate

Cablegram.

NEW YORK, December 19.—Business is quiet. Acetanilide is lower at 60c. per lb. Menthol has advanced 90c. to \$6.90. Belladonna-leaves are lower at 85c., and cascara sagrada is firm at 19c. per lb.

ACETANILIDE.—Although no fresh supplies are being received, some sellers are anxious to dispose of their stocks, with the result that prices have eased down to 5s.

ACETIC ACID.—The price of acetate of lime in New York has been reduced to 3 cents per lb., which is below the pre-war figure. The position is, however, peculiar, inasmuch as the Government restrictions are still imposed on the product on this side. In all likelihood the decline will have to be followed here, otherwise undue advantage may accrue to Japan, in which country there is a large output, and export of acetic acid. Meanwhile the restrictions on the importation of acetic acid continues here, and until they are removed some small quantities of redistilled (96 to 98 per cent. glacial) are offered, with the prospect of larger quantities being available before long.

ALCOHOL.—It is probable that a reduction in the price of spirit for industrial purposes will be announced to take place on January 1, 1919, but nothing definite can yet be stated.

ALOES.—The exports from the Union of South Africa during August 1918 amounted to 58,613 lb., valued at 759%, against 166,784 lb., valued at 1,427%, in 1917. During the eight months ended August 31, 1918, the exports were

310,574 lb. (3,297%), against 411,437 lb. (3,858%) for the corresponding period of 1917.

AMIDOPYRIN is still very scarce at the unaltered rate of 70s. per lb.

ANISE is slow of sale at 80s. per cwt. for Russian; the quotation for Spanish is about 120s. per cwt.

ANISE OIL, STAR, is quiet and easier, with spot sellers at 6s. 1½d. per lb., and at 6s. c.i.f.

ANTIMONY.—There is no sign of any revival of demand either for regulus or crude, the market being nominal, especially in regard to the latter, the value of which might be anything between, say, 55l. and 45l., considering that foreign regulus is going practically begging at 60l. on the spot. America has ceased to be a factor for the time being in the way of new importations from China, where the recent shutting down of several of the mines is indicative of the chaotic state of the industry.

ARSENIC.—An indifferent demand continues in evidence, and there is a drooping tendency in values with somewhat more competition in both foreign and Cornish powder, the latter being easily obtainable at around 90l. per ton delivered London. Home consumers are holding back for lower prices. At the close we hear there has been a good demand for the South American market, which has absorbed some of the cheap parcels.

ASPIRIN.—Although scarce for the remainder of the year, there are offers at less money for January delivery, and the price has eased down to about 16s. 6d. to 17s.

BALSAM TOLU.—Small sales have been made at 12s. 6d. on the spot.

BARBITONE is slightly weaker at from 82s. 6d. to 85s. per lb. on spot.

BENZALDEHYDE, free from chlorine, is offered at 14s. 6d. per lb.

BENZOIC ACID is easier in anticipation of larger supplies becoming available, and 21s. 6d. to 21s. will buy on spot.

BROMIDES.—Although prices in the U.S.A. have been reduced, as notified last week, no change has been made in the Government controlled prices, which are still at 5s. 10d. for granular potash and 6s. 4d. for crystals. Small lots of potash crystals are offered by dealers at slightly below these figures. Ammon. is 4s. 9d. and soda 4s. 6d.

BUCHU.—Limited supplies of fair round green are obtainable on spot at 8s. The exports from the Union of South Africa during August 1918 were 28,599 lb., valued at 6,860l., compared with 2,487 lb., valued at 348l., in 1917. During the eight months ended August 31, 1918, the exports were 89,675 lb. (16,948%), against 121,494 lb. (19,696%) for the corresponding period of 1917.

CAMPHOR (REFINED).—Japanese is quiet, with spot sellers of 2½-lb. slabs at 6s. 10½d. The exports from Japan during September 1918 amounted to 71,751 kin, valued at 184,185 yen.

CANARY-SEED is easier with little business; the quotation is nominal at 300s. to 320s. per quarter.

CANTHARIDES.—Russian offer at 13s. 6d. per lb. on the spot.

CARAWAY-SEED is offering at 230s. per cwt. for Tunis on passage without business resulting.

CASSIA LIGNEA.—An auction of 500 boxes without reserve is advertised to be held on Friday, December 20.

CHLORAL HYDRATE continues to be "cut" in price on the part of a few nervous holders, although there seems no cogent reason for it, as the chemical is very scarce in America, and the demand must revive shortly.

CINCHONA.—At auction in Liverpool, on December 13, 79 cases cinchona-bark sold at from 1s. 6d. to 2s. 3d. per lb.

CITRIC ACID remains firm at 4s. 8d. to 4s. 9d. From the Italian market, which is also very firm, there is a report that a 25 per cent. export duty is proposed.

CLOVE OIL is easier, distillers offering at 17s. per lb.

CLOVES continue quiet and about 2d. per lb. lower, with spot sales at 1s. 10d. per lb.

COCAINE has met with more inquiry during the past fortnight, and the price of hydrochloride remains unaltered at 50s. per oz.

COPPER SULPHATE.—The market is distinctly dull. The reluctance to place fresh orders on the part of merchants against prospective export orders became intensified by the substantial fall in the price of metallic copper. Yet it is argued that prices should not be seriously affected by this new factor, although the tendency of the metal remains downward. The output of sulphate was, of course, rather closely regulated during the war period, and the supply in second-hands is presumably not of much importance. Export licences continue to be secured against orders that were placed prior to July 26 last. The Liverpool f.o.b. terms have again eased a little, sellers asking 63l., but parcels might possibly be got at less. A revival of activity depends largely on the attitude of the authorities in regard to licenses for Allies and neutrals. There is apparently no American competition worth noting at present.

CORIANDE-SEED is quiet at 30s. per cwt. for old crop Morocco, and 35s. to 37s. 6d. for new crop.

CREOSOTE CARBONATE is still very difficult to buy at the moment, but as soon as raw material becomes available again fresh supplies will come to hand from Switzerland, and prices decline; meanwhile 18s. 6d. to 19s. is quoted.

CUMIN-SEED.—Retail sales take place at 55s. per cwt. for fair Morocco, being unchanged. Malta is quoted 67s. 6d. per cwt.

DILL-SEED.—Quotations are nominal at 55s. to 60s. per cwt. ERGOT remains firm, with further sales of Spanish on spot at 6s. 6d. per lb.

EUCALYPTUS OIL is still in good demand at from 4s. 6d. to 4s. 9d. per lb., as to test. It is believed that prices have touched their highest.

FARINA is about 5s. lower, Japanese No. 1 having declined to 70s. per cwt. on the spot, and January-March shipment to 60s. c.i.f.

FENNEL-SEED is slow of sale; the quotation is 52s. 6d. per cwt.

FENUGREEK-SEED declined after our last report, with business at 24s. 6d. per cwt. for new crop Morocco.

GALLIC ACID keeps firm at 7s. 6d. owing to the high price of galls.

GAMBER is lower, the sales in Liverpool including 50 tons of block without reserve at 36s. 6d. to 40s., and 164 bags No. 2 cubes at 43s. 6d. to 44s.

GUAIACOL CARBONATE is now more freely obtainable, and as soon as more export permits are available larger orders are anticipated. Meanwhile the price has receded to 77s. 6d. to 78s.

HEXAMINE is slightly easier as further consignments have come forward; 6s. is quoted.

HONEY is lower, the sales including 24 cases St. Lucia at from 155s. to 170s. for dark to amber liquid; also dark liquid Australian at 180s. The arrivals in London this week comprise 1,875 casks and 392 barrels from Jamaica, also 238 casks to Liverpool, at which port 529 barrels Chilean have also arrived.

HYDROQUINONE is offered at from 14s. to 14s. 3d. per lb., as to quantity.

LINSEED (CRUSHED).—The demand for light and dark crushed for medicinal purposes continues heavy; millers are now working full time, and orders are having prompt attention.

LIQUORICE-JUICE.—The prices asked by Italian exporters have been modified, and for shipment of extract for delivery from January to March 1919, 335s. c.i.f. is quoted for finest; sticks in the same position offer at 400s. c.i.f.

LIQUORICE-ROOT.—Italian exporters continue to ask very high prices, but the prospect is that they will decline owing to the substantial fall in freights and insurance.

LITHIA CARBONATE.—Sales have been made at 12s. on the spot.

MENTHOL has remained quiet throughout, closing sellers of Kobayashi-Suzuki at 20s. 6d. per lb. The exports from Japan during September 1918 amounted to 7,871 kin, valued at 58,202 yen; and during the nine months ended September 30, 1918, they were as follows:

		1916	1917	1918
Kin ...	...	304,372	191,395	208,344
Yen ...	...	1,903,389	1,227,778	1,288,469

The destinations were as follows:

To	1916 Kin	1917 Kin	1918 Kin
British India...	11,040	9,091	14,029
Great Britain...	117,134	26,497	109,630
France...	64,647	2,722	675
United States...	101,011	138,388	66,802
Other countries...	10,540	14,697	17,208
	304,372	191,395	208,344

METHYL SALICYLATE.—The rather large stocks are weighing heavily on the market, and the price has eased down to 5s. 6d. per lb.

MILK-SUGAR.—Rather severe cutting is taking place in view of the prospects of the removal of the control, and stocks held by the Government. Holders are therefore anxious to realise while the present inflated prices rule; from 2s. 9d. to 2s. 3d. is quoted for best powder, as to quantity and seller.

OXALIC ACID.—The reduction in the price of potash carbonate has led to a slightly easier feeling.

PEPPER.—Black is inactive and 1d. per lb. lower, with sellers of fair Singapore on the spot at 1s. 4d., fair Telli-cherry at 1s. 5d., and Aleppy at 1s. 4½d. White is quoted at 2s. 6d. for fair Muntok, at which spot sales have been made; Singapore is 2s. 5d.

PETROLEUM PRODUCTS.—As a result of the improved shipping position, the following reductions in the price of petroleum products are officially announced: From December 16 gas oil will be reduced 7½d. per gal., and fuel oil 4l. per ton. From January 1 petrol will be reduced 3½d. per gal., and kerosene 4d. per gal.

PHENACETIN.—The demand is fairly well maintained, but sellers are inclined not to refuse orders at slight concessions.

PHENAZONE continues very scarce, and holders are readily able to obtain from 57s. 6d. to 60s.

PIMENTO.—Spot sales have been made at the lower rate of 5d. per lb.

POTASH PERMANGANATE.—One of the British makers is able to guarantee prompt delivery of ample supplies of excellent quality after the Christmas holidays at 5s. per lb. f.o.r. works, in ton lots in 5-cwt. casks, and smaller lots in 100-lb. kegs, carriage paid by passenger train to any station in Great Britain at 6s. per lb.

POTASH SULPHOGUAIACOLATE.—An appreciable reduction has been made, sellers quoting 63s. to 65s.

QUICKSILVER.—It is extremely difficult to get hold of reliable quotations for the present, although it is understood that in the improving state of shipping orders might be placed a little more easily at prices varying between 20l. and 22l. per bottle.

QUILLAIA.—A few tons of whole are available on the spot at 80s. per cwt.; 683 bales have arrived in Liverpool.

RESORCIN is easier at 40s. per lb. net on spot.

SACCHARIN.—There is practically no demand at the moment, and in order to effect business rather lower prices would be accepted.

SAFFRON is cheaper at from 42s. 6d. to 45s. per lb., as to quality.

SALICYLIC ACID.—The fall in carbolic acid has induced the makers to cut prices of B.P. powder to 3s. 6d. to 3s. 9d. on the spot.

SALOL is offered at 7s. 9d. to 8s. 3d. per lb. on the spot.

SARSAPARILLA.—Arrivals from Jamaica aggregating 198 bales have taken place to London, also 40 bales to Liverpool.

SENEGAL is cheaper, with offers at 7s. per lb. on the spot.

SHELLAC.—The auction of 2,000 packages shellac, on account of the Ministry of Munitions, which was to have been held on Tuesday, has been postponed until January 14, 1919, for which new catalogues will be issued, which will embrace a good selection of all grades held by the Ministry.

SODA HYPOSULPHITE.—Pea crystals are still scarce and not too easily obtainable at 45s. per cwt.

SODA SALICYLATE remains unchanged at from 5s. 3d. to 5s. 6d. per lb.

SULPHONAL is still very scarce and again dearer at 135s.

TARTARIC ACID is steady at 3s. 10d. per lb. There are of course a few odd parcels, which holders are willing to clear at less for stock-taking purposes.

THYMOL.—Good-sized quantities have been received from India, with sellers at 47s. 6d.

TERPIN HYDRATE is lower at from 3s. 6d. to 3s. 8d. per lb., as to seller.

VANILLIN is selling at about 65s. per lb.

The Bandoeng Quinine Factory.

According to the report of the Bandoeng Quinine Factory for 1917, which is summarised in a recent number of "De Indische Mercuur," the total receipts of cinchona at the factory during the year were equivalent to 140,000 kilos. (4,900,000 oz.) of quinine sulphate. The stock of quinine on January 1, 1917, was valued at 563,399 florins; the cost price of that produced during the year was 3,982,969 florins; and the stock at the end of the year was 37,416 kilos. (1,209,560 oz.), worth 735,941 florins. The bark being worked at the commencement of the year contained 30,237 kilos. of quinine sulphate, and that in action at the end of the year 19,312 kilos. Costs of production again rose during 1917, the following being some of the chief items (the figures are all in florins): Chemicals, 406,308, against 233,470 in 1916; postage, 20,755, compared with 7,539; fuel and electric current, 91,826, an increase of 27,940 on 1916; plant maintenance, 77,551 against 30,924. Some of these increases, however, are the result of increased trading.

Receipts from the sale of quinine were 6,419,466 florins, against 4,653,196 in the previous year; the gross profit on the sales was 1,766,349 florins, which is 103,000 less than in 1916 owing to higher costs of production and the lower prices realised for quinine. Other receipts were fl.215,593 recovered for excess payments for bark in 1916, interest fl.60,121, and rents fl.7,635. On the debit side the chief items were fl.50,000 for buildings and fl.237,946 due to Dutch quinine factories. With regard to the last item it appears that when tonnage difficulties became acute and bark could no longer be shipped freely to Holland, it was decided to produce more quinine in Java by extending the Bandoeng fac-

tory. This extension was undertaken jointly by the Bandoeng Co. and the owners of the two Dutch quinine factories under an agreement, whereby the Bandoeng Co. undertook to pay part of the profits of the increased trade resulting from the extensions to these factories. The net amount due to the Dutch factories in 1917 was fl.49,235. The addition to the reserve fund was fl.600,000, which brought it up to fl.1,250,000. Against this there are prospective charges for war profits, taxes, and costs of extensions. The amount written off was fl.86,930, against fl.135,947 in 1916, but the real estate was valued at fl.402,500, against fl.330,000 in 1916. The net profit amounted to fl.822,484, which is fl.60,600 less than in the previous year. This profit is distributed as follows: 1. Statutory dividend to shareholders, fl.42,000.

2. The residue is divided among (a) founders, 10 per cent., fl.78,048; (b) directors, 7.5 per cent., fl.58,536; (c) joint commissioners, 7.5 per cent., fl.58,536; (d) shareholders, 66 per cent., fl.515,120.

3. Leaving fl.70,243, of which in accordance with Article 26, 95 per cent. goes to the shareholders, fl.67,279, and the rest is divided equally between the directors and commissioners, fl.2,963—fl.822,482.

Adding together the shareholders' receipts under these various categories, it appears that each shareholder receives fl.223 on every fl.250 share, which is equivalent to a dividend of 89.2 per cent.

Arrivals of Chemicals, Drugs, etc.

Fuller particulars of arrivals are now given at the Ports of London, Liverpool, and Glasgow. They include the following:

To London (Dec. 7 to 16).	To Liverpool	To Glasgow (Dec. 11 to 12).
Albumen, egg, 2,947l.; egg-yolk, 1,030l.; egg-powder, 2,550l.; egg, dried, 6,235l.	Oils, essential (Spain), 22 drms. 1 cs. (Fr.), 3 cs.; cinnamon oil (Cey.), 18 cs.; citronella (Rangoon), 20 crts.; eucalyptus, 188 cs.	Pot. chlorate (Rouen), 284 kgs.
Barytes (Sp.), 400 brls.	Oils, fixed, animal, 110 cs. 20 cs.; coconut (Cey.), 341 kgs.; fish, 970 cs.; olive, refined, 13,050 kgs. (Sp.), 2,378 brls. 13 drms. (Fr.), 29 cs.	Vanilla, 18 cs.
Chemical products, etc., unrated, 105 cs.; 4 cs. (R'dam); 13 pkgs. (Fr.).	Perfumery (France), 50 cs.; toilet-powder (Fr.), 36 cs.	Drugs, etc., unrated, 32 cs. 199 kgs.
Argol (Sp.), 281 cs.	Plumbago, 1,406 cs.	Galls, 84 cs.
Bromides: potash, 40 cs.	523 brls.	Papain, 22 cs.
Cinchonine sulph. (R'dam), 10 cs.	Seeds, nuts, etc.: almonds (Sp.), 781 kgs. 296 cs. 1,618 pkgs.; canary, 132 kgs.; castor (Cal.), 8 kgs. 1 cs.; coriander (B'deaux), 690 kgs.; cotton (Alex.), 3,259 kgs. 1,763 tons; lin., 1,087 qrs. 28,034 kgs.; palm kernels, 875 tons 20,354 kgs.	Scammony-root, 28½ kgs.
Cream of tartar (Sp.), 139 brls.	Shellac, 307 kgs.	Senega, 23 bls.
Ethyl chloride (Havre), 1 cs.	Spices: cinnamon (Cey.), 290 bls.; ginger (Jap.), 504 kgs.; pepper (Calcutta), 58 kgs. (Egypt), 168 kgs.	Turmeric, 20 kgs.
Glycerin (Sp.), 15 drms.	Starches (Cwt.), 19,207	Dyestuffs, tanning materials, etc.: cochineal, 38 cs.; chestnut ext., 121 kgs.; fustic ext., 28 brls.; fustic wood, 5 tons; logwood, 17 tons; myrobalsans, 3,200 pockets; myrob. ext., 258 pkgs.; sumach, 250 kgs.
Glycerophosph. soda, 13 drms. (France).	Talc, 150l.	Glucose (N.Y.), 1,080 brls.
Potash chlorate (Rouen), 120 cs.	Tallow, 554 cwt.	Lithopone (N.Y.), 1,437 brls.
Saltpetre, 900 kgs.	Wax, bees' (E.I.), 70 cs. (Alex.), 16 bls. (Gib.), 4 kgs.	Manganese ore, 1,750 tons.
Tartar (Sp.), 53 brls.	Wax, paraffin, 5,440 kgs. 340 brls.	Petrolatum (N.Y.), 165 brls.
Tartaric acid, 30 pkgs.	Wax, vegetable, 755 cs.	Starches (bgs.), 525; farina, 7,546; mandiocca, 5,000; tapioca, 705
Terpinol (Fr.), 5 drms. 1 ck.		Wax, bees', 24 pkgs. 61 bls. 15 kgs.
Dental goods, 3,167l.		Wax, carnauba (Parnahyba), 1,339 kgs.
Drugs, etc., unrated, 108l. (Dieppe), 11 pkgs.		Wax, paraffin, 228 brls.; scale, 1,474 brls.
Cod-liver oil (R'dam), 50 cs.		Wax, vegetable, 5 cs.
Colocynth, 61 bls.		Whale oil (N.Y.), 394 brls.
Henbane (Egypt), 12 bls.		
Herbs (Fr.), 14 bls.		
Ipecacuanha, 6 bls.		
Pepsin (R'dam), 14 cs.		
Turmeric, 120 kgs. (Calcutta), 55 kgs.		
Valerian (R'dam), 87 cs.		
Vanilla (Fr.), 21 cs.		
Dyestuffs, tanning materials, etc.: cochineal, 43 bls. 54 kgs.; cutch, 250 bxs.; myrobalsans, 7,696 pockets; tanners' bark, 13 tons.		
Fullers' earth, 5 tons.		
Fusel oil (Cey.), 813 tons.		
Gelatin, 916l.; 63 bls. 20 cs.		
Glue, 1,550l.		
Grape-juice, 24 cs.		
Gums: acacia (Alex.), 162 kgs.; olibanum, 100 cwt.		
Loofahs, 173 bls.		
Monazite sand (Cey.), 1,919 pkgs.		

Relaxation of Export and Import Prohibitions.

THE Board of Trade announce that the following relaxation of the existing prohibitions of export were brought into force from Friday, December 13:

Headings Transferred from One List to Another.

From "A" to "C" lists: Aeroplane dope. From "A" to "B" lists: Aluminium and alloys of aluminium; aluminium powder; antimony and alloys of antimony; antimony, sulphides and oxides of, and mixtures containing sulphides and oxides of antimony; nickel, its ores and alloys; thorium and its alloys. From "B" to "C" lists: Nickel nitrate; nickel, oxides and salts of (except nickel ammonium sulphate, which is prohibited to all destinations), and mixtures containing such oxides or salts of nickel.

Headings Requiring Alteration.

Delete.

(A) Oils, fixed, all animal and vegetable, and articles and mixtures containing such oils not otherwise specifically prohibited.

(A) Phosphorus compounds.

(B) Rubber, gutta-percha, or balata, goods made wholly or partly of, not otherwise specifically prohibited.

Substitute.

(A) Oils, fixed, all animal and vegetable, and articles and mixtures containing such oils, except indiarubber substitute and oil varnish.

(C) Indiarubber substitute.

(C) Oil varnish.

(A) Phosphorus compounds, except phosphorus sesquisulphide and triphenyl phosphate.

(C) Phosphorus sesquisulphide.

(C) Triphenyl phosphate.

(B) Rubber gloves, surgical.

(C) Rubber manufactures not otherwise specifically prohibited.

Headings Transferred from One List to Another.

From "A" to "C" lists: Fenugreek-seed; clinical thermometers; iron, oxides of, and mixtures containing iron oxides. From "A" to "B" lists: Lactic acid. From "B" to "C" lists: Plumbago; magnesium chloride, and sulphate and mixtures containing magnesium chloride and sulphate.

Headings Altered.

Delete.

(A) Albumen.

(A) Barium sulphate and mixtures containing barium sulphate.

(A) Coal tar, all products obtainable from and derivatives thereof (except solvent naphtha) suitable for use in the manufacture of dyes and explosives, whether obtained from coal tar or other sources, and mixtures and preparations containing such products or derivatives.

(A) Cocoa, raw, and manufactures thereof.

(A) Gums not otherwise specifically prohibited.*

Substitute.

(A) Albumen other than blood albumen.

(C) Blood albumen.

(A) Barium sulphate.

(C) Mixtures containing barium sulphate.

(A) Coal tar, all products obtainable therefrom, and derivatives thereof (except solvent naphtha, cresylic acid and mixtures containing cresylic acid) suitable for use in the manufacture of dyes and explosives, whether obtained from coal tar or other sources and mixtures and preparations containing such products or derivatives.

(C) Cresylic acid and mixtures containing cresylic acid.

(A) Cocoa, raw, and manufactures thereof except cocoa-butter.

(B) Cocoa-butter.

(A) Gum arabic.

(A) Gum tragacanth.

(C) Gums not otherwise prohibited.

* Many commodities which are commonly styled gums in trade circles are prohibited under the heading Resins, etc.

(A) Molasses and articles, mixtures and preparations containing molasses.

(A) Molasses and feeding-stuffs, containing molasses.

(C) Articles, mixtures, and preparations containing molasses not otherwise prohibited.

Import Prohibitions.

A general licence has been issued to permit of the import of any quantity of copal and kauri gums. The licence will be valid until March 1, 1919.

Export of Spices: Correction.

The following correction should be made in the list of alterations of headings of export prohibitions which appeared in the *C. & D.* of November 30, p. 50:

Delete.

(A) Spices, and mixtures thereof, not otherwise specifically prohibited.

Substitute.

Spices, the following:

(A) Cloves.

(A) Ginger.

(B) Pepper, black.

(A) Pepper, white.

(C) Spices not otherwise prohibited, and mixtures containing spices.

Exports to Neutral Countries in Europe.

The following is a list of articles which, from December 15, may be exported to neutral countries in Europe from the United Kingdom, France, Italy, or the United States of America without the necessity of obtaining the usual guarantees against re-export. In due course an Order in Council will be issued removing all these articles, *except those shown in italics*, from the list of prohibited exports. The articles shown in italics remain on the prohibited list. In Sections "A," "B," or "C," according to their present classification, and licences for their export must be obtained accordingly from the War Trade Department, although no guarantees will be required in respect of them. The above arrangement does not, until further notice, apply to Switzerland.

Artists' material, excluding oils and turpentine; dental burs; dental filling materials; drugs, etc., the following: acetyl salicylic acid; aconite; agaric; althaea-root; amidol and substitutes; argemone; arsenobillon; arsenious acid; barium sulphate; beta naphthol; bromine; butylchloralhydrate; cacodylates; camomile; chromic acid; diethylbarbituric acid; digitalis; duboisin sulphate; eucaine; ferric compounds; ferrum redactum; folia hyoscyami; fructus joniculi; hydrobromic acid; ichthyol; inula-root; khar-sivan; metol; nitrate of silver; opium, alkaloids of; paraldehyde; phenacetin; salicylic acid; salteake (subject to special conditions); sodium arsenate; sodium bromide; sodium nitroprusside; sodium salicylate; veronal sodium. Dyes and dyestuffs; glassware; ink, other than printers' ink; medicines, proprietary and patent; mineral waters, unsweetened; perfumery, including essential oils; photographic goods, but not chemicals therefor; pumice stone; razors, safety (and blades); salt, table; toilet preparations (excluding soap); toothbrushes, beard brushes, and moustache brushes.

Things Worth Knowing.

By "Hugo."

Don't live for business, but live by it. Dispensing-charges should be revised from time to time. There is much loss in counter-displays unless you utilise dummies.

There are black sheep among every *clientèle*—or victims of kleptomania.

Support every judicious movement for shortening the hours of labour.

Watch the "Wanes" column in the *C. & D.*, and know just when to sell.

Watch the trend of the drug-market in the *C. & D.*, and know just when to buy.

A sliced raw potato placed in the saffron-jar will keep saffron fresh and sweet.

Rubber sponges and bathing-caps should never be exposed in a window which receives the direct sun-rays.

Discount on accounts should now be discounted. Remember that money has now less than half its normal value.

Business is business; therefore don't reduce your charges to friends. There are other and better ways of showing friendship.

Endeavour to maintain the friendliest relations with your competitors in business: many of the truest friendships spring from competition. But be discreet.

When varnishing pills they should be thrown on a sheet of clean blotting-paper to dry. This absorbs superfluous varnish, resulting in rapid drying and a smooth polished surface.

Don't pay your devotions to the Altar of Grumbles. The difference between a grumble and a cheery word, from your customer's standpoint, is that between a single and a return railway-ticket.



The New By-laws.

SIR,—I take it the proposals for the new examinations are tentative, and in consequence I offer the following points for the consideration of the trade. The fees are quite out of proportion for the services given by the Society or the examiners. The subjects of Part I. and Part II. should be reversed. The new view of examinations has been lost sight of entirely—viz., that all examinations should extend over a period of pupillage and preparation at college, and not merely be confined to a four-hours' interview with examiners. I agree entirely with the absence of an age limit for Part I.

Faithfully yours,

Faithfully yours,

JAY MACK. (16/12.)

SM.—As usual, one has to turn to the *C. & D.* for an exposition of what is really going on in pharmacy, and to learn something of what our Council is doing in the way of "Reconstruction." Your Editorial on the proposed new by-laws is, so far, the only attempt to dissect or explain the points of the proposal, and for this you have laid the trade under a further debt of gratitude. One would have expected the originators of the draft to give at least an abbreviated dissertation on the matter, but I have looked in vain for a word on the subject from either the President, his predecessor, or the ubiquitous Secretary. The finished product in bare detail is presented to the Council, and the official report does not indicate that there was even a word of explanation in public. My fellow-members of the Society have, like myself, been disregarded entirely as to the adequacy or otherwise of the proposals, and it seems, from the uncertainty existing, that the Councillors themselves do not know exactly what many of the new clauses mean. However, one point is clear. The opportunity is too good to be missed for a further fleecing of the unhappy student, and those of us who have seen how pharmacy has been the loser in the past by the exclusion of the able, but poor, young man will have small cause for hope of the pharmacy of the future becoming a more virile and popular profession.

Yours truly

M. P. S. (79/9.)

An Eight-hour Day.

SIR,—The vision of the eight-hour day mentioned by "Progress" (*C. & D.*, December 14, p. 50) depends for its realisation greatly on the doctors and their evening surgery hours. We cannot very well open our business at noon and close at 8 P.M., while Lord Leverhulme's double-shift idea hardly applies to pharmacy. State doctors, State dispensaries, which may come in five years or so, would leave us no reason for not closing two hours earlier.

Liverpool.

BERNARD SLACK.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Appreciations.

"My appreciation of the *C. & D.* increases yearly; it is unparalleled."—*J. J. C.* (139/18).

"I am sending another subscription to the *C. & D.* I cannot exist without it."—*R. J. A.* (16/10).

"Your journal is absolutely indispensable for the chemist who wishes to keep abreast of the times."—*M. P. S.* (234/63).

"In the busiest time I never miss reading through my copy of THE CHEMIST AND DRUGGIST. One week with the 'flu' I read it in bed. One simply cannot afford to miss seeing it."—R. W. B. (9/12).

"I have pleasure in renewing my subscription to the *C. & D.* for another year, and beg to state that I have perused its pages for almost thirty years and still find it indispensable."—*P. F.* (125/32).

"I may say I have subscribed for the *C. & D.* for about twenty years. During that period I never regreted the speculation either from a business or educational point of view. Lastly, I must compliment you on the manner you have been able to satisfy chemists during four cruel years of war."—A. W. T. (148/3).

"I enclose cheque for a renewal of my subscription. I suppose I must now be classed among your old subscribers, but the older I get the more I appreciate the value and interest of THE CHEMIST AND DRUGGIST. In those trying times you have helped us considerably in our difficulties and made your journal an absolutely necessary adjunct to our business life."—*J. B.* (149/17).

The Phonetic Habit.

A. G. C. (161/72) writes: "On Saturday night I called out to my errand-boy to put Bond's ink in the want-book. Much to my amusement, on looking at want-book to-day I found he had written 'Bon zinc.'"

The Ash of Ginger.

Mr. R. L. Morris, F.I.C., Hove, writes to point out an error in the statement in the British Pharmacopœia, 1914, as to the ash of ginger. Under "Zingiber" it is stated:

Ash not more than 6 per cent., and after deduction of that portion of the ash which is *soluble* in water not more than 1.5 per cent.

Mr. Morris points out that the test would condemn most samples of ginger, and that the intention is probably to fix a minimum of 1.5 per cent. of ash soluble in water. The word "soluble," printed above in italics should therefore read "insoluble." The attention of the General Medical Council has been called to the matter, and Sir Donald MacAlister, President of the Council, has replied that an error has probably been made, and that a correction will be issued if this surmise is confirmed.

Cod-liver Oil Plasters.

"I used to sell a lot of 'Cod-liver Oil Plasters' some years ago in East Kilbride. This is the only district where I ever was asked for them. Mather's balsamic plasters—leatherette—were the article supplied."—*J. H. Preston (Loehwinnoch).*

"Referring to the inquiry in the *C. & D.*, December 7, p. 55, I should like to say that as an apprentice in Edinburgh thirty-five years ago I sold plasters, made, if my memory serves me aright, by Mather, of Manehester, which to all appearance were ordinary balsamio plasters on sheep-skin, but with the name 'Cod-liver Oil Plaster' stamped on them, and I haven't seen one since; but when occasionally asked for one I sell balsam."—*David S. Bennet* (Cahiroveen).

Dispensing Difficulties and Notes.

A Question of Ethics.

SIR,—Would you be good enough to inform me what would be the correct procedure in the following case: A prescription is presented for twelve each of three different kinds of tablets, none of which I have in stock and cannot obtain locally, and after putting the customer off for some days I am informed by Burroughs Wellcome & Co. that they, too, are out of stock? Should I communicate with the prescriber or simply tell the patient I cannot dispense the prescription? In the latter case, probably if the script was taken elsewhere the same result would ensue.

Yours faithfully,

Yours faithfully,

A. THOMAS.

The Use of Liq. Arsenicalis.

SIR,—I had the following prescription to dispense:

Liq. strychn.	...	...	...	℥v.
Liq. arsenicalis	...	...	...	℥iij.
Aq. ad ...	...	...	...	℥ss.

Mitte 3viii.

I used liq. arsen. hydrochlor. on account of the liq. strychn. but my employer says I did wrong. Will you please let me know your views? Yours truly,

Yours truly,

MONTAGUE. (149/40.)

[Solution of strychnine hydrochloride is neutral or faintly acid; arsenical solution is distinctly alkaline. The mixture when compounded in accordance with the prescription is strongly alkaline in reaction. The condition consequently exists for precipitation of strychnine, which is present in quantity slightly in excess of what the water will dissolve. Your procedure therefore was quite correct in principle. We assume that you added the proper proportion of compound tincture of lavender so as to retain the proper flavour. Such combination as your prescription supplies is not unusual, and when it occurs in more concentrated form is distinctly dangerous. Many compounders keep ready a supply of hydrochloric solution of arsenic flavoured like arsenical solution for use in such cases.]

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 333.

S. P. F. (14/12).—OBTAINING APPRENTICES' RELEASE.—The forms for obtaining the release of apprentices or assistants serving with the Forces are obtainable at the local Employment Exchange. It seems a waste of time to have to utilise an Employment Exchange when employment is waiting for men, but that is the "red tape" method preferred by Government Departments.

W. W. H. (241/16) recently received a call from a manufacturer's traveller, who stated that the minimum retail price of the goods offered showed a profit of 33 per cent., plus 5 per cent. for monthly settlement. "W. W. H." placed an order for various articles amounting to 30l., but finds that the profit upon none of the articles exceeds 25 per cent., after deducting 5 per cent. for monthly settlement. Is "W. W. H." entitled to return the goods? [The margin of profit does not appear to have been made a condition of the sale, and in the circumstances we do not consider that "W. W. H." is entitled to return the goods.]

B. S. (254/40).—WHAT IS CORN-FLOUR?—So far as we are aware, there is no binding decision as to what corn-flour is. A case came before the Kingston Bench over the use of rice-flour, and went to the Quarter Sessions. It was nominally won by the prosecution, but was scarcely tried at the Quarter Sessions, as a settlement was arrived at between the parties. We believe that in the original patent for "Corn Flour" rice-flour was included, but that the claim was abandoned owing to anticipation. The present position is, therefore, that although there is no binding standard, opinion leans strongly in favour of maize-flour as being the proper meaning of "corn-flour."

W. W. H. (241/16) has a lady customer who has been in the habit of sending a girl to his shop during the past two years to buy various goods on credit. Recently the girl bought a number of articles of a kind usually supplied to her mistress, which were actually for the girl's own use. The girl has now disappeared, and "W. W. H." asks whether her mistress is liable to pay for the goods which, upon the girl's instructions, were booked to the mistress's account. [In our opinion the previous course of dealing renders the mistress liable to pay for the goods booked to her account upon the girl's instructions unless "W. W. H." received notice from the mistress that the girl no longer had authority to buy goods on credit on her behalf.]

W. H. R. (243/43) asks whether it is legal for a chemist who has no wine or spirit or medicated-wine licence to supply wine, spirits, or medicated wines on a doctor's prescription. [It is not legal for a chemist and druggist who does not hold the necessary wine or spirit licence to sell either wine or spirits on a doctor's prescription. But the law allows registered chemists and druggists to sell without a licence in Great Britain "any spirits or spirituous liquors which they may use in the preparation or making up of medicines for sick or distempered persons"; and the Commissioners of Customs and Excise take no exception to the sale of wine without licence by a registered chemist and druggist where it is made up in medicines in the same way. As regards medicated wines, these can only be sold without licence when they are such as to conform to the regulations made by the Commissioners. These require that the wine shall be so medicated as to be unfit for use as a beverage.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. J. C. (139/18).—STOCK SOLUTIONS FOR DISPENSING.—The following are the usual strengths employed, the solids being apothecaries' weight:

Ammon. brom. ...	1 in 4	Potass. chloratis ...	1 in 24
Ferri et quin. cit. ...	1 in 2	Potass. iodidi... ..	1 in 2
Magnes. sulph. ...	1 in 2	Potass. nitr.	1 in 8
Potass. acet.	1 in 2	Sodii bicarb.	1 in 16
Potass. bicarb.	1 in 4	Zinci chlor.	1 in 4
Potass. brom.	1 in 4	Zinci sulphatis ...	1 in 8

Veloxy (253/7).—ALUMINIUM SOLDER.—Some years ago we published a number of solders which had been suggested for use with aluminium. These were mostly of the nature of alloys, the following being examples: (a) Tin 5, aluminium 1; (b) zinc 90, copper 4, aluminium 6; (c) tin 95 to 99, bismuth 5 to 8. As a flux the following have been recommended: Stearic and oleic acids, copaiba balsam, Russian tallow, potassium chloride, and an ammoniacal solution of potassium nitrate.

Crystals (242/66).—(1) "OPENING A PHARMACY" (Office of THE CHEMIST AND DRUGGIST, 2s. 6d.) is the only book of the kind. (2) Jay Mack's Ledger, which is advertised in the Coloured Supplement, is specially adapted for the drug-trade.

J. E. H. (22/18).—(1) GUTTAPERCHA TOOTH-STOPPING.—Dissolve pure guttapercha in five times its weight of chloroform, allow to deposit, pour the clear solution upon zinc oxide (double the quantity of guttapercha taken), make into a paste, and spread into sheets, which cut into suitable pieces. (2) SALTS OF LEMON is a "poisonous substance" according to Section 5 of the Poisons and Pharmacy Act, 1908. When sold it must be labelled "Poisonous" and "Not to be taken," and the package must bear the name and address of the seller.

Nemo (231/11).—We are not acquainted with a book dealing solely with the manufacture of custard-powders, blanc-mange powders, and jellies. Recipes are given for these and many similar household articles in "Pharmaceutical Formulas."

G. D. M. (232/21).—EGG-PRODUCING SPICES FOR FOWLS.—It is difficult to suggest cheapening ingredients for the recipes given in "Pharmaceutical Formulas." The main constituent required in these spices is a warming agent such as cayenne, pepper, or fenugreek, and as a diluent powdered oyster-shell is useful as supplying the lime-salts needed by egg-layers.

G. B. G. (215/9).—ARGENTINE ANT.—The following is the method for destroying this pest with corrosive sublimate, which we quote from the "South African Journal of Science":

"The plan is to surround the opening of the nest with a cordon of finely powdered corrosive sublimate about half an inch wide. Under some conditions the ants become excited before they actually touch the powder, the result being probably due to the fact that fine particles of the sublimate are floating in the air. When the chemical has been sprinkled on the soil at any point it remains sufficiently virulent to affect the ants for a long time; some spots thus treated after eight or nine months still react on the ants when they wander over them. Heavy rain disperses the sublimate, but light rain simply carries it into the soil, and then, as the moisture evaporates, there is a tendency for the corrosive sublimate to be re-deposited on the surface. This suggests that the foundations of buildings may be treated, either during or after construction, with a solution which will protect them from ant invasion."

P. R. (248/23).—See reply to "G. F. S."

J. G. (170/2).—In London the scarcity of milk precludes the home manufacture of butter in the emulsifier, but the suggestion is a good one.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Dec. 15, 1868.

The Chemists' Annual Ball.

Great pains have been taken by the gentlemen constituting the committee to insure success. The general management and direction during the evening will be under their personal superintendence, and the number of dances, in accordance with the wishes of those present on the last occasion, will be augmented. As an additional incentive a liberal allowance of "Lancets" has been provided, a prejudice existing in the minds of some in favour of this quadrille—

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Let us hope for a large attendance on the occasion, the first since pharmacy has been legally recognised in England. The ball is now under the direct sanction of many who have other than Terpsichorean distinctions, and who are only too happy to promote the social enjoyment of the community, and of their younger friends. The oftener we can meet together, and let homo influence smile upon our daily and necessary occupations, the better for us all.

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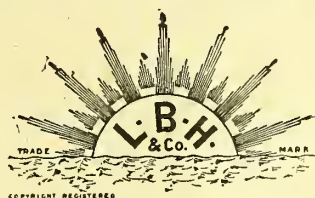
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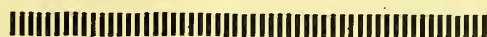
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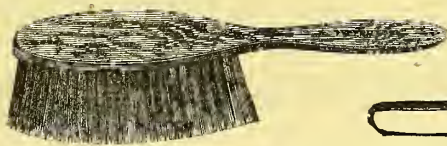
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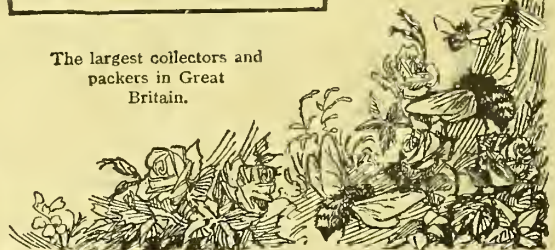
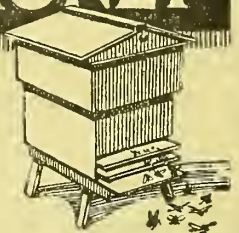
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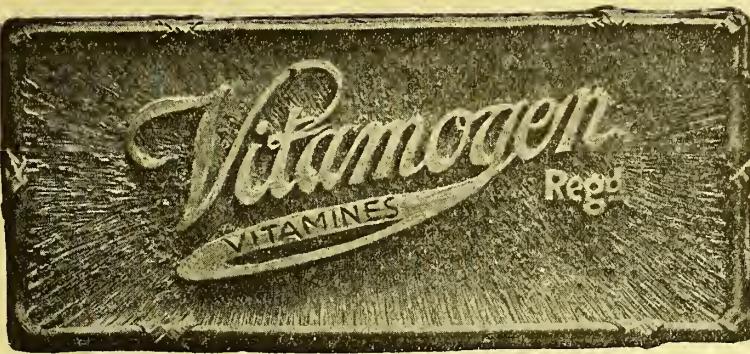
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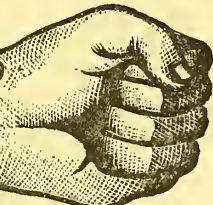
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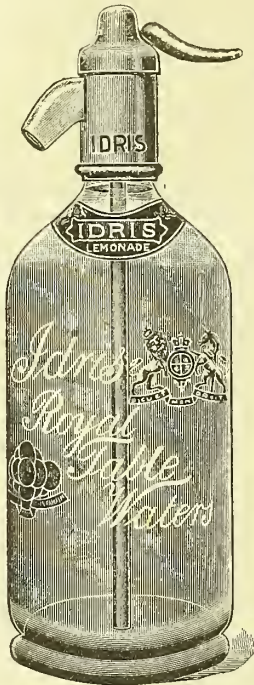
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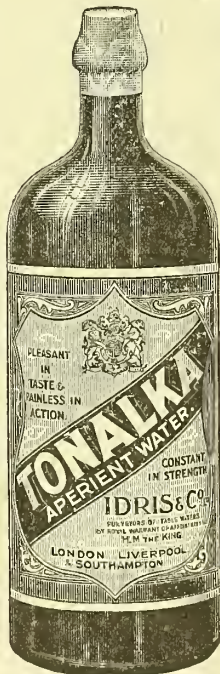


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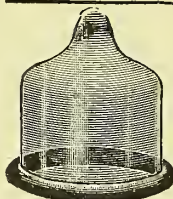
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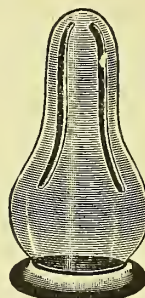
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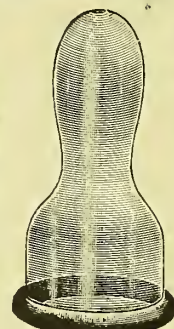
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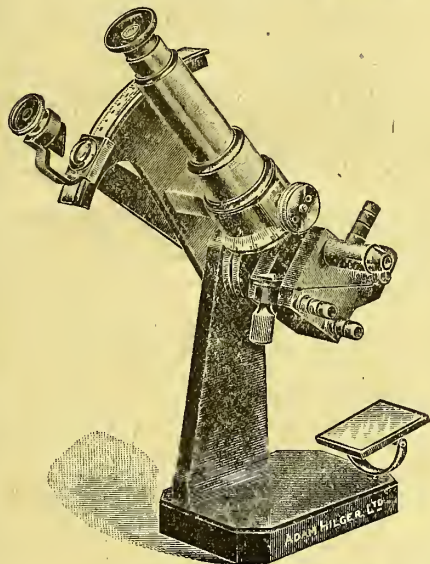
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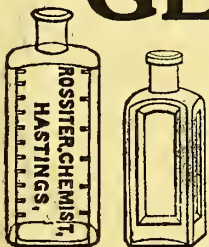
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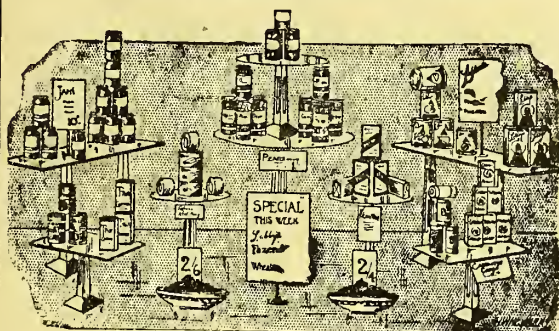


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For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):—

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“YADIL” ANTISEPTIC is positively non-toxic, non-caustic, non-irritant. It can be taken internally in large doses without the slightest risk to the most delicate tissue or membrane.

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Sizes	2 oz.	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
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25% Discount off Retail Prices, except on 80 oz. and 160 oz. sizes.

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As “YADIL” ANTISEPTIC is now prescribed daily in cases requiring immediate administration, Chemists would be well advised to order for stock at least one or two each of the smaller sizes. This small stock would enable them to fill prescriptions without delay. “YADIL” ANTISEPTIC will prove a live line to Chemists, *and they should inform their assistants of its existence.*

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The word “YADIL” is registered as a Trade Mark in all important countries.

Orders from abroad should be placed through London buyers, as we do not open accounts abroad during the War.

THIS SUPPLEMENT
IS INSERTED IN
EVERY COPY OF
"THE CHEMIST AND
DRUGGIST."



OFFICES:
42 CANNON STREET,
LONDON, E.C.4

DECEMBER 21, 1918.

Advertisements for this Supplement must be received not later than First Post on Thursday Morning.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers), and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.**

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done.

PROVIDED THE MONEY IS TELEGRAPHED at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London." (Three words counted as two.)

CHRISTMAS HOLIDAYS.

Owing to the closing of these Offices on December 25th and 26th, it will be necessary to begin printing the White Paper Advertisement Section of **The Chemist and Druggist** for December 28th on Monday next, December 23rd. The closing hour for next week's issue of **The Chemist and Druggist Supplement** will be 10 a.m., Tuesday, December 24th.

December 21st, 1918.

42 Cannon Street, London, E.C.4.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON, N.W. (Death Vacancy).—Ready-money Business, situate near busy tube station; returns over £1,500 at fair prices; handsomely fitted shop, fairly stocked; roomy house, garden; new lease will be granted; valuation terms entertained.

2.—LONDON, N. (Busy Main Thoroughfare).—Ready-money Business; returns, under management, upwards of £2,000; commodious premises; corner position; vendor's own property; lease will be granted; valuation terms considered.

3.—SYDENHAM.—An opportunity presents to acquire a neglected Business for the sum of £200; the premises comprise double-fronted shop, nine rooms, private entrance; small garden; rent £38; no immediate opposition.

4.—KENSINGTON, W.—Dispensing and Retail Business; returns £800, formerly £1,000; well-fitted shop and comfortable residence; held on lease; first reasonable offer accepted; death cause of sale.

5.—CRYSTAL PALACE DISTRICT.—Cash Retail and Dispensing Business; established many years; returns about £1,150 at fair prices; there is also an appointment attached; rent £46; held on lease; stock and fixtures valued at £550; price £675.

6.—LONDON.—Old-established good-class Retail and Dispensing Business; returns upwards of £2,000; scope for development; well-fitted shop and comfortable residence; no near opposition; price to be arranged equitably.

7.—BANKS OF THE THAMES.—Well-established Business, situate in pleasant locality; returns about £2,000; *net profit* £515; stock and fixtures valued at £650; price £850.

8.—N.W. COAST (Popular Health Resort).—Ready-money Business; capital situation; returns £2,700; *net profit* £900; turnover

might be materially extended under qualified management; price £2,500.

9.—KENT COAST.—Good middle-class Business; Dispensing, Prescribing, and Photographic; established 50 years; returns £900; present rate, owing to neglect, £550; comfortable residence; rent £45; price £350; excellent opening for an energetic man with small capital.

10.—NORTH OF ENGLAND.—Cash Retail Business, with excellent sale for own Proprietaries; returns average £2,500; *net profit* £700 to £800; stock and fixtures valued at £2,500; rent £50; price £2,300; death cause of sale.

11.—L. & N.W. MAIN LINE.—Old-established Business; Retail and Wholesale in packed goods; gross receipts exceed £8,000, and during the past three years the average gross profit amounted to £2,031; the premises are held on a long lease at a rental of £60; price about £3,000; a banker's reference will facilitate business.

12.—POPULAR HEALTH RESORT (S.E. Coast).—Well-established Business; returns during next year should be about £1,500; present rate £1,000; the business is situate within easy distance of the sea; valuation terms entertained.

13.—GLOUCESTERSHIRE (Market Town).—Good-class Family Retail and Dispensing Business, with Photographic connection; returns last year £1,764 at fair prices; double-fronted shop; roomy house; no keen opposition; terms, goodwill and valuation would be considered.

14.—HOME COUNTY.—Modern Pharmacy, situate in principal street; returns exceed £1,000; full investigation permitted; the shop is nicely fitted and fully stocked; convenient residence; terms, valuation of stock and fixtures and £100 premium.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BRETT & CO.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

£2,000 Returns (nearly). Death Vacancy. Midlands. Good-class country unopposed retail. No heavy trade or N.H.I. Good house and convenient premises. Stock in first-class condition. Stock and fixtures at valuation roughly about £1,000. No buyers with less capital need apply.

£1,200 Returns. Yorkshire. Good market town. Pleasant locality. Good scope for increase. Valuation about £800.

£500 Returns. Notts. General light retail and own preparations. Valuation about £600.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—WEST OF ENGLAND.—For early disposal, two good-class Businesses; together or separately; returns £3,000 and £2,200; combined net profit £1,150; books properly kept; price £1,300 and £1,000 respectively, or valuation terms arranged; references required.

2.—YORKS (W. Riding).—Sound Ready-money Retail, in splendid position; returns average £2,500, increasing; net profit £700 to £800 clear; good house and Pharmacy; exceptionally well stocked, owner retiring; price £2,300; full value offered.

3.—EAST COAST.—Select Retail Business, with Photographic; in rising resort; returns this year over £1,300; very best position; well-arranged Pharmacy, well stocked; owner retiring; price, valuation, plus small goodwill; about £850, all at; personally recommended.

4.—BERKS (25 miles out).—£150 secures a sound Business at present under female; returns £8 to £11 weekly, at good profits; low rent; stock and fixtures worth fully £200; smart man with little spare capital would at once add £5 a week to takings; worth attention.

5.—NORFOLK.—Light Retail, with agricultural and veterinary trade, in excellent position of large town; returns £20 to £25 weekly, increasing; plenty of scope; illness sole cause of selling; price £500, or £50 and valuation.

6.—LONDON SUBURB, S.E.—Very profitable sound cash Retail; no Panel or Dispensing; returns £2,000; net profit £700; splendid main road position; well fitted and stocked; owner retiring; price £1,300.

7.—CRYSTAL PALACE (Near).—Middle-class Retail and Dispensing; returns over £1,200; good profits; no immediate opposition; low rent; fully stocked; price £675.

8.—LONDON, S.W.—Good-class Retail and Dispensing Business; in fine position, close to busy station; returns £1,000; no panel; clear net profit over £300; books properly kept; scope for increase, owner retiring; price £450; part could remain; strongly recommended.

BUSINESSES WANTED.

We are in immediate want of sound concerns returning from £700 upwards; town and country; cash buyers waiting; intending vendors are cordially invited to correspond. Terms on application. Established 1870.

PARTNERSHIPS.

PARTNERSHIP, Directorship, or good Proprietary wanted by Pharmacist at present in own business, who desires change; open to receive genuine offers where capital £3,000 and services would be adequately recompensed. Apply, giving full details in strictest confidence, to "Adaptable" (176/13), Office of this Paper.

PHARMACIST, with some spare capital, is prepared to assist ambitious man to start for himself on sleeping partnership basis. Apply with full particulars as to capital in hand, copies of references, photos, etc. Apply to "X. Y. Z." (180/8), Office of this Paper.

WHOLESALE Drug, or manufacturing pertaining to the trade; advertiser would like to hear of something where experience, push, and good capital would give good return for service and investment. Apply 145/33, Office of this Paper.

THOS. TOMLINSON & SON

**CHEMISTS, VALUERS, TRANSFER AGENTS,
AND EXPERT STOCKTAKERS,
45a MARKET STREET, MANCHESTER.
ESTABLISHED OVER HALF A CENTURY.
Telegraphic Address: "Tomtom."**

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less: 6d. for every 10 words or less beyond, prepaid.

DEVONSHIRE (Small Market Town).—Good-class Chemist's Business, doing agricultural and sight-testing work; returns nearly £2,000, increasing each year; easily worked; short hours; prominent position; good fittings and stock; for sale or amalgamation with good firm, or an exchange would be considered; living accommodation, with bathroom; particulars to bona-fide applicants on giving references. "F. S. M. C." (175/38), Office of this Paper.

MANCHESTER.—Consulting, Prescribing and Recipe, and Goodwill of the celebrated Patent Medicine known as Hoffner's Cough Balsam.—For disposal, the old-established Business of J. Higham & Co. (J. Hoffner), situated 122 Portland Street; owner retiring after 43 years' occupation; an exceptional opportunity to a young, energetic man with moderate capital.

MIDLANDS.—Manufacturing town; brisk cash Retail; established over 100 years; present hands 30 years; returns over £5,000; price £3,000, more or less according to valuation. Apply "Exceptional" (177/2), Office of this Paper.

MINEHEAD, SOMERSET.—The high-class Dispensing, Family, and Photographic Business, carried on by the late Mr. Harold Barlow, is offered for immediate sale owing to the death of the proprietor. Full particulars from the sole agents, Evans, Gadd & Co., Ltd., Exeter.

NORTH WALES.—A good old-established Retail Business for immediate disposal, showing a moderate profit; could be increased by an energetic man. Apply 164/40, Office of this Paper.

PLYMOUTH (Main Thoroughfare).—Drug Stores and Fancy Goods; splendid opportunity for qualified man; none in district. For particulars apply 16 Caprera Terrace, Plymouth.

SOUTH YORKS.—For immediate disposal at valuation, very profitable Retail Business on main road of large city; present returns £1,700; good fittings; lock-up shop; double-fronted corner position; many years in present hands; easily and cheaply worked. Apply 175/34, Office of this Paper.

SUSSEX.—Retail and Dispensing; principal street; returns doubled in five years; Dispensing as prescription book trebled; good house, bath (hot and cold), garden; little Insurance work, part purchase can remain; suit unqualified man by arrangement; fullest investigation; £600. Apply 176/39, Office of this Paper.

WEST LONDON superior working-class district; easily worked profitable Cash Retail; double-fronted shop, house over; takings £15-£16 per week, easily increased; mainly own Proprietaries and sundries (patent account averages £12 per month); 20s. per week covers expenses; heavily stocked; value, including fittings, about £400; net profit £285; little N.H.I.; proprietor has other interests, and for a quick cash sale would accept £300; every investigation invited, and any reasonable trial given; books properly kept and audited; exceptionally good opening for Optics and Photography. Apply, giving banker's reference, to 175/24, Office of this Paper.

WEST SURREY.—For immediate disposal, owing to death, a good-class Cash Retail Pharmacy; turnover this year over £4,000; profits above the average; good stock and up-to-date premises. Full particulars given on application to "Executors" (160/32), Office of this Paper.

WHITTLESEY, CAMBRIDGESHIRE.—To Chemists and Druggists.—For immediate sale as a going concern, owing to the death of the proprietor, a well-situated Dwelling-house and Shop with a good-class Dispensing, Family, and Retail business; established over 100 years; the house is in a good state of repair, and the shop is well fitted and stocked; there is in connection with the business an excellent Newspaper Agency and also a Fire Insurance Agency. Apply Mrs. M. H. Sharpley, Highcawsey, Whittlesey, Cambs.

YORKS.—Old-established Retail and Dispensing; rent £80; turnover about £2,000; good fittings; excellent position in main road of large town. Apply 146/5, Office of this Paper.

FOR Sale (Plymouth), old-fashioned Prescribing Business, doing £600; bargain for quick sale. Apply 16 Caprera Terrace, Plymouth.

FOR Sale, Retail and Wholesale; turnover £9,000; rent 9s. week; total wages bill, £1 15s. 6d. weekly; £4,000 required; easily managed. Butterworth, 175 Oxford Road, Burnley.

SOLUBLE Essence Making (Vanilla, Raspberry, Lemon, Ginger Ale, etc.), and Liquid Colours; complete outfit, utensils, bottles, ingredients, and fullest recipes; high-class products; easily learnt; large profit on cost of production; no goodwill; not worked during war; £150 for all. Apply, first instance, Jackson, Pownall Square, Liverpool.

TO Let, Shop and Parlour, situated in prominent position main road at Hackney; has been Chemist's business for many years. Write to Mr. Miller, 29 Cromwell Avenue, Highgate, London, N. 6.

FOR SALE.

JACKETED Copper Steam Boiling Pans on tripod stands, 20 gallon, £18, £20; Copper Gas Water Boilers on stands, 3 gallon 55s., 10 gallon 85s.; Semi-rotary Pump, £3; Bottle-filling Machine, £18; Personal Weighing Machine, £4 10s.; two White Glass Decanter-shape Carboys, new, 25s. pair; Berkefeldt Filters, 1 candle, copper, 45s.; 3 candle, Enamel, 75s. Jackson's, Pownall Square, Liverpool.

AGENCIES.

AGENTS wanted for their respective grounds; 20 per cent. commission on all net accounts paid; orders booked, repeats, letter orders, etc., from the trade; a Proprietary medicine showing 33 per cent. profit to the retailer; kindly state goods already carrying, duration of connection, exact ground, and references, not originals. Reply to 171/23, Office of this Paper.

AMERICAN AGENCY DESIRED.—One of the most progressive and successful Drug houses in America, amply financed, with best selling organisation, and highest-class Representatives in the principal distributing centres of the United States, Central and South America, enjoying close and confidential relations with the most prominent Drug, Chemical, Pharmaceutical Manufacturers, and Wholesalers, desires American Agency of one or more equally prominent foreign Chemical or Specialty Manufacturers who desire best of American representation; highest bank and agency references. Apply 144/12, Office of this Paper.

EASTERN REPRESENTATIVE.—A qualified English Chemist, who will be disengaged shortly, is prepared to represent a Wholesale and Manufacturing firm of Chemists and Druggists (Chemicals, Pharmaceutical preparations, Packed Goods, and Druggists' Sundries) in India, Burmah, and Ceylon. He has a thorough and extensive knowledge of Eastern trade, having been resident in the East for several years, and visited all the important towns in the above countries on behalf of London principals. Correspondence invited. Apply Post Box No. 341, Bombay (India).

EXPERIENCED Manufacturing Chemist, who has opened an Agency in the Midlands, invites applications from firms of good standing to dispose of Chemicals and specialties of every description. Apply 252/43, Office of this Paper.

THE LEASEHOLD of a capable man for sale, calling on London and suburban Chemists; a good side line wanted; 14 years' experience; top-hole references. Apply 174/12, Office of this Paper.

BELGE, parfaitement au courant des produits chimiques et pharmaceutiques, très bien introduit dans la clientèle belge, cherche représentation d'une firme française, anglaise ou américaine; premières références. Address 44 Broadwater Avenue, Letchworth.

BELGIUM.—Pharmaceutical Chemist, returning to Belgium, ~~free~~ to take agencies in Chemicals, Soaps, Essential Oils, Perfumes, Sponges, etc.; best English references. Apply Henri Heyman, 22 Sutherland Avenue, London, W. 9.

BUSINESSES WANTED.

BUSINESS wanted; house attached; suit unqualified; doing mixed cash trade; valuation of stock and fixtures. Particulars, in confidence, 176/11, Office of this Paper.

BUSINESS or partnership; cash and instalments; qualified; 50; Dentistry; experienced; London preferred. Apply 177/4, Office of this Paper.

PHARMACIST, with sound unopposed country business, near S. Coast, wishes to exchange (to save wasting capital), if possible, for town business within 25 miles of Newbury; returns about £1,000; books properly kept; short hours; easily worked; suit bachelor or elderly couple; opening for Dentistry; no duds wanted. Apply 177/23, Office of this Paper.

SMALL Business for cash; could manage same for some time if preferred. Full particulars, in confidence, "Theobroma" (176/300), Office of this Paper.

WANTED in the New Year, a sound Business by unqualified (not London). Apply 175/32, Office of this Paper.

WANTED, a Business within ten miles of Huddersfield. Apply "Chemist" (176/18), Office of this Paper.

SITUATIONS OPEN.

RETAIL.

ALTRINCHAM.—Qualified and capable Assistant required for good-class Pharmacy; must be a good Salesman, quick, accurate, and obliging; moderate hours and no Sunday duty; outdoors; good salary to energetic person. Apply, stating full particulars of experience, to R. H. Toofill, Pharmaceutical Chemist.

BIRMINGHAM.—Qualified Assistant required for progressive, quick cash business; permanency; state age and salary required. Apply "O." (177/405), Office of this Paper.

BIRMINGHAM.—Capable unqualified Assistant for Light Retail and Dispensing; comfortable outdoor berth for good man seeking permanency. Please state full particulars, first letter, Bramleys, 87 Holyhead Road, Handsworth, Birmingham.

BOURNEMOUTH.—Lady Assistant with Dispensing experience. State particulars of experience and salary required to S. Hardwick, Poole Hill, Bournemouth.

BRIGHTON.—For first week in January, Assistant for high-class Retail and Dispensing business; first-class Dispensing experience an essential. Applicants kindly give particulars as to age, qualification, salary required, experience, etc., in first letter, B. C. Greening, Parris & Greening, 105 Church Road, Hove.

BRISTOL.—Wanted (early in January), a capable Assistant. Apply, with full particulars, to Buxton & Grant, 176 White-ladies Road, Bristol.

BUXTON.—Unqualified Assistant (lady or gentleman) wanted for good-class business; outdoors; short hours. Please state age, previous experience, and salary required to W. T. Young, Pharmacist, Spring Gardens, Buxton, Derby.

DERBYSHIRE.—A reliable qualified Assistant required for small middle-class Retail business with N.H.I.; hours moderate; no holiday or Sunday duty; a permanency for the right man. Salary and recent reference to 171/24, Office of this Paper.

GRAYS, ESSEX.—Qualified Assistant (outdoors); good salary for suitable Assistant. Apply 177/38, Office of this Paper.

HIGHBRIDGE.—Junior Assistant required (January 1st, 1919). Full particulars of experience and salary required (outdoors) to Orchard, Chemist, Highbridge.

LINCOLNSHIRE.—Wanted (during January), qualified Manager; able to take entire control of busy up-to-date business, N.H.I., etc.; partly furnished house and gas, and pleasantly situated, facing public park; applicants must be under 40, and able to give undeniable references. Send full particulars to 158/34, Office of this Paper.

HUDDESFIELD.—R. C. Walshaw, Pharmacist, has vacancy for an Assistant. Apply, stating salary and all usual particulars, including qualifications, to 4 Market Place, Huddersfield. Discharged soldiers' or sailors' applications welcome.

LIVERPOOL.—Immediately, qualified Chemist for working-class neighbourhood; N.H.I. and Light Retail. Apply 289 Scotland Road, Liverpool.

LONDON.—Elderly qualified Chemist required; easy hours; light duties; permanency. "Elderly" (177/401), Office of this Paper.

LONDON.—Qualified single young man required; capable of taking charge in absence of principal; excellent prospects and a permanency. "H. L." (177/404), Office of this Paper.

LONDON, N.W.—Part-time Assistant for good-class Retail and Dispensing; mornings or evenings. "Cactus" (178/4), Office of this Paper.

LONDON, S.W.—Wanted, a qualified Assistant; live in; must be quick, accurate, and neat Dispenser; state age and salary required. Apply John Selley, Chemist, 202 Earl's Court Road.

LONDON, W.—Junior Assistant (outdoors) to assist in Dispensing. Apply, stating usual particulars, to "K." (256/7), Office of this Paper.

LONDON, W. 1.—Wanted (immediately), an experienced Assistant; progressive salary to a suitable man; personal application preferred. Apply J. Munro & Co., 273 Regent Street.

LONDON, W.—Competent Assistant required; immediate vacancy; Dispensing and Counter. Rouse & Co., 12 Wigmore Street, W.

LONDON, W.—Junior required, with good Dispensing experience. State age, height, salary required, when disengaged, and particulars of previous engagements, to 177/17, Office of this Paper.

LONDON, W. 10.—Wanted, Assistant for good-class Dispensing and Retail business; outdoors; quick and reliable. State age, height, experience, and salary required (lady Dispenser also required), J. R. Faulkner & Co., 173 Ladbroke Grove.

LONDON, WEST.—Manager, qualified, for small good-class business in rural district; not heavy work; suit man requiring light post for three months, with opportunity of management of larger business at hand; required directly after Christmas. Goodall, Chemist, 66 Lower Richmond Road, Putney.

LUTON.—Qualified Manager wanted for general Retail and Dispensing; hours 9 a.m. to 7 p.m., Wednesday 1 p.m., Saturday 8.30 p.m. Please state full particulars, with salary required, and photo if convenient. Apply R. P. Chantler, Ltd., 34 Manchester Street, Luton.

MALVERN.—Unqualified Assistant required for high-class business; good opening for young man of good address; good Dispensing and Counter experience is essential; permanency. Apply "M." (177/403), Office of this Paper.

MANCHESTER: ANCOATS HOSPITAL.—Wanted, a qualified (Minor) lady Dispenser, to devote whole time to the duty of the office; lunch and tea provided. Apply, not later than 30th December, stating age, experience, and salary required, together with copies of three recent testimonials, to Herbert J. Dafforne, Secretary.

MANCHESTER SUBURB.—Experienced Manager required to take charge of a good Retail and Dispensing business; one Assistant kept; also vacancy for a Dispenser (man or woman) at a branch establishment near Manchester. Full particulars of experience, when at liberty, and salary for sound permanencies. "Advancement" (178/32), Office of this Paper.

NEAR MANCHESTER (13 miles).—Unqualified Assistant (outdoors) required for mixed family business and N.H.I. Dispensing. State age, salary required, etc., 176/19, Office of this Paper.

SHEFFIELD.—Messrs. G. T. W. Newsholme, Ltd., 27 High Street, Sheffield, require qualified Assistant with first-class experience. Address applications, giving full particulars, salary required, and references, to Mr. Austen.

SHEFFIELD.—A qualified Assistant or Manager for branch shop required; busy locality; plenty of scope for suitable gentleman to increase takings and to share in the increase. State salary required, etc., to E. Tibbles, 65 Rustlings Road.

SHEFFIELD.—F. Medley, Pharmacist, Pittsmoor, requires qualified Assistant for branch; Light Retail and Dispensing. Full particulars, age, experience, salary required.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTH WALES.—Qualified Manager required for progressive branch within 17 miles of Cardiff; man speaking Welsh preferred; liberal interest in the profits offered to any man who is prepared to put his whole energy into the business. Apply "S. W." (177/402), Office of this Paper.

SOUTHAMPTON.—Wanted, Junior Assistant; qualified or unqualified; outdoors; age 20-25. State full particulars as to experience and salary required to Martin, Pharmaceutical Chemist, 7 Archers Road, Southampton.

SOUTHAMPTON.—Senior Assistant for good-class Family Dispensing business; capable of taking charge; easy hours. Kindly send full particulars to Frost, Chemist, Portwood Road.

TUNBRIDGE WELLS.—Locum wanted for few weeks; qualified or unqualified; easy hours. Pearmund, Chemist, Calverley Road.

WEST RIDING.—Elderly qualified Chemist required (immediately); duties light; easy hours; permanency. Apply "L. M." (177/40), Office of this Paper.

A QUALIFIED Manager required (early in January) for branch shop; good medium-class trade, with N.H.I.; must be energetic, good Counterman, and adaptable; moderate hours; no Sunday duty; outdoors. Apply, giving age, experience, salary required, and recent references, to Walter E. Plant, Pharmaceutical Chemist, 28 High Street, Doncaster.

ASSISTANT Dispenser (lady) wanted; must be experienced and Minor qualification; board and residence provided. Address, stating age, salary required, and full particulars, with copies of not more than three testimonials, to the Secretary, Salford Royal Hospital.

ASSISTANT required; active; good opening for suitable man. Give reference, age, and salary required to C. A. Critchley & Co., Pharmaceutical Chemists, 10 King William Street, Blackburn.

ASSISTANT, unqualified, single, required; outdoors; two others kept; hours 8.30 to 7, Wednesdays 1, Saturdays 9 p.m.; no extra duties. Please state experience and salary required, etc., Young, Chemist, Nantwich.

COMPETENT Assistant (outdoors) wanted for good-class Dispensing and Retail; country; quick and accurate Dispenser; good references. Apply, stating salary required, to Henry Davis, Chemist, Northbrook Street, Newbury, Berks.

COUNTER Assistant, male or female, required (at once); short hours; Saturday half-day. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.

DISPENSER wanted, Islington Dispensary, 303 Upper Street; qualified. Apply Dr. Smith, 303 Upper Street, N., between 12-2, with salary required and recent testimonials.

ELDERLY qualified Chemist beginning January; easy hours; live out. State salary and particulars, 171/17, Office of this Paper. Will advertiser kindly send his name to this office.

ELLWOOD & SON, Chemists, Leominster, require a good all-round Assistant. Please reply, stating full particulars. Qualifications not necessary.

HALL Dispenser, male or female, for Surgery. For particulars write Spink, Chemists, 27 Tottenham Court Road, W.

LADY Assistant required for Light Retail and Dispensing; in- or outdoors; short hours. Apply, stating age and salary required, to Blaker, Chemist, Haslemere.

LADY Assistant for N.H.I. Dispensing and Stock, etc.; Hall certificate; outdoors. Personal application preferred to G. L. Austin, Pharmacist, Hounslow.

MANAGER, qualified, married preferred, to live on premises at branch; good prospects for smart man. Belsher, Chemist, Bloxwich.

MANAGER wanted; good-class Dispensing and Retail, West country; good salary and commission to the right man. Apply 175/31, Office of this Paper.

MANAGING Assistant wanted for good-class Dispensing business; good hours. Full particulars in first letter, 177/22, Office of this Paper.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

OWING TO PROPRIETOR'S ILLNESS.—Wanted, a qualified Assistant for busy middle-class business, either as locum or permanent. State salary, references, etc., Edwin Fowler, 218 Hesse Road, Hull.

QUALIFIED Dispenser and Bookkeeper wanted (January 1st) by old-established medical firm of four partners; ten miles from London; residence at central surgery; assistance given. Apply, stating salary expected, to 173/20, Office of this Paper.

QUALIFIED Manager wanted in good-class country business in South-West England, to enable proprietor to devote whole time to Optical work and supervision. Apply, with full particulars, salary (to live on premises, rent free), etc., to "Optical" (175/21), Office of this Paper.

QUALIFIED Assistant for Dispensing Counter. Apply, giving full particulars of previous experience, to Roberts & Co., 76 New Bond Street, W.

QUALIFIED Assistant for Retail and Dispensing: outdoors. Apply, stating age, experience, and salary required, Reynolds & Branson, Ltd., Leeds.

QUALIFIED Assistant (gentleman or lady) wanted at once for branch Pharmacy; hours easy; no Sunday duty; half-holiday weekly. Apply, giving usual particulars, to E. J. Latham, M.R.S., Shirebrook, near Mansfield (Notts).

QUALIFIED Assistant required for January 1st, for Dispensing and Light Retail. Apply to A. J. Hall, Pharmacist, 196 Belsize Road, Hampstead, N.W. 6.

QUALIFIED Manager wanted after Christmas; with view to succession preferred. Oddie, Pharmacist, South Norwood.

QUALIFIED Assistant for Retail and Dispensing. State age, salary, references, and usual particulars, "Statim," c/o James Woolley, Sons & Co., Ltd., Victoria Bridge, Manchester.

QUALIFIED Manager for branch near Southampton; house attached if required. Particulars to F. B. Wride, East Street, Southampton.

TEMPORARY qualified Manager for light country business; first week in January; easy position; good junior kept; no Sunday duty. Please state full particulars, references, salary required (outdoors), etc., to Andrews, "The Pharmacy," Daventry, Northants.

THOMPSON & CAPPER, LTD., have vacancies for Assistants in Liverpool and Southport; knowledge of Photography preferred. Apply, giving full particulars, to Manesty Buildings, College Lane, Liverpool.

THOROUGHLY capable Assistant required (at once); qualified preferred. Nathl. Smith & Co., 373 High Street, Cheltenham.

UNQUALIFIED Assistant wanted for Counter and Dispensing; good salary; occasional Sunday evening duty. Apply personally, Wm. Fox & Sons, Ltd., 109-113 Bethnal Green Road, E. 2.

WANTED (immediately), fully-qualified male or female Dispenser; good wages; live out; permanency. Apply Manager, Junior Army and Navy Stores, Ltd., Union Street, Aldershot.

WANTED, Assistant of good address, and accustomed to a high-class Dispensing business; not under 23 years of age; others kept; hours of business, 8.30 to 6; outdoors. Full particulars to Mr. Lewis, Chemist, Ealing, W. 5.

WANTED by first week January, Junior Assistant: good Dispenser. State experience and salary required to C. J. Allan, Chemist, Redcar.

WANTED, qualified Chemist (early in January). Apply, giving full particulars and salary required, to E. H. Baker, Chemists, Ltd., Biltson, Staffs.

WANTED, lady Dispenser and Bookkeeper; under 35; £2 to £2 5s. weekly; light hours. Letters only, "S.", 11 Russell Square, W.C.

WANTED, competent Assistant, after the holidays, for about one month or more. Apply, giving particulars of references and experience, to D. T. Evans, Chemist, Margate.

WANTED, qualified Assistant for a few weeks; easy work. Particulars, "Reliable" (257/61), Office of this Paper.

WILCOX, JOZEAU & Co., 49 Haymarket, S.W. 1, require an Assistant; French or Belgian. Please give full particulars.

WHOLESALE.

CITY firm requires services of competent man or lady with good experience in import and export of Vegetable Drugs. Apply 245/17, Office of this Paper.

LONDON.—Wholesale house requires competent Clerk to take charge Surgeon's department; invoicing and dispatching; must have had good experience. Apply, stating age, previous engagements, and salary required, to "Medical" (257/581), Office of this Paper.

MANCHESTER.—Assistant required for manufacturing business; under 30; permanency for intelligent and all-round capable man. State full particulars and salary required. Apply 160/19, Office of this Paper.

ALLEN & BANBURY, LTD., Bethnal Green, E., require an intelligent young man for their order department; must be able to read readily varied Drug orders, and be a quick and accurate worker. Applications in own handwriting, stating age, experience, and salary required, to F. L. D., c/o above.

COUNTERMEN for Wet and Dry Counters; also Laboratory Assistants for Galenicals required by London house. Apply by letter, stating experience and wages required, to "Galenical" (257/580), Office of this Paper.

DRY COUNTER.—Assistant (experienced) wanted for Edinburgh firm. Apply, with full particulars, to 256/74, Office of this Paper.

EVANS SONS LESCHER & WEBB, LTD., have a vacancy in their fine Chemical Works, Runcorn, Cheshire, for a young Chemist with Pharmaceutical training.

EXPERIENCED Capsules Makers; machine work; piece-work rates paid; male or female. Evans Sons Lescher & Webb, Limited, 60 Bartholomew Close.

GOOD position and prospects offered to gentleman with thorough business experience acquired in import and export houses; able to correspond on own initiative; knowledge of French essential. Apply, full details, age, salary, etc., 160/1, Office of this Paper.

HOUGH, HOSEASON & CO., LTD., 2 Bridge Street, Manchester, require the services of experienced Wet and Dry room hands. Please state full particulars and wage required.

LABORATORY hand required; one used to manufacture Galenicals; good prospects. State full experience and wages required, 224/47, Office of this Paper.

MANUFACTURERS require capable Chemist with wide experience of the manufacture of Toilet articles, etc. State experience and salary required, 255/50, Office of this Paper.

MANUFACTURING Chemists (provincial) require fully qualified man; experienced in making Compressed Tablets, Ointments, Extracts, and Toilet preparations; capable of managing and supervising. State age, experience, and salary required. Apply 248/34, Office of this Paper.

MIDGLEYS (Manchester) have vacancies in their St. Ann's Square Pharmacy for a qualified Assistant well up in Dispensing; also an unqualified Counterman and Window-dresser; hours 8.45 to 7, Saturdays 1. Replies, in confidence, Midgleys, 5 Mayes Street, Manchester.

PILLMAKER wanted for small power plant. State in confidence experience, and commencing salary expected, 176/29, Office of this Paper.

PROVINCIAL firm (Lancs) require man with working knowledge of steam plant and manufacture of Extracts, Syrups, Spirit Recovery, etc. State wage and past experience, in confidence, 178/500, Office of this Paper.

PROVINCIAL Limited Drug Co. (Wholesale and Manufacturing only) require the services of an energetic, tactful gentleman to fill coming vacancy as Secretary; previous knowledge of the trade, and capacity to direct office essential; one willing to take some financial interest preferred; initial salary £250. Apply 178/5, Office of this Paper.

SALES MANAGER.—Good position and prospects offered to gentleman with thorough knowledge of Drug sundries, Hospital and fancy goods; experience as Sales Manager in above trade essential. Write full details, age, salary, etc., 174/11, Office of this Paper.

SAVORY & MOORE, LTD., 143 New Bond Street, require a competent man for Wet Counter and putting up stock; also a man accustomed to making Lozenges and Granules. Apply with full particulars.

SURGICAL INSTRUMENTS AND APPLIANCES.—Wanted, an experienced Assistant to take charge and to travel if necessary. Apply, stating full particulars, salary required, to Ritchie, 33 Bath Street, Glasgow.

WANTED, practical Chemist, with Engineering knowledge and Pharmaceutical experience, scientific education, and acquainted with analysis. State age, experience, and salary required, Duncan, Flockhart & Co., 104 Holyrood Road, Edinburgh.

WANTED, girl for wrapping and labelling high-class Toilet preparations in Fulham district. Write, stating age and experience, to "X. Y. Z." (255/37), Office of this Paper.

WANTED, young man, qualified preferred, with sound, if not extensive, knowledge of Drug Trade, for Lancashire manufacturing firm; progressive position. State age, experience, and salary, 178/50, Office of this Paper.

WANTED, in the New Year, capable ambitious Assistant to Works Manager of rapidly progressing small provincial firm manufacturing high-class Pharmaceutical specialties; exceptional scope for advancement to brains and energy. State fully experience and qualifications, also age and commencing salary expected, to "Coalition" (180/9), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

CEYLON.—Assistant, unqualified, age 22 to 28, single, wanted for first-class British business; four years' agreement; passage paid; liberal salary to smart man with good-class Retail Dispensing and Counter experience. Give full particulars of experience and state present salary to 176/27, Office of this Paper.

FAE EAST.—One or two qualified Assistants; age 21 to 30; must have had good experience in first-class Dispensing and Retail business; liberal salary for suitable men; three or four years' agreement; passage paid out and home. Address "Export," 64 Crutched Friars, E.C.

ITALY.—Qualified Assistant for Dispensing and Counter; knowledge of languages not essential. Write, with full particulars, and, if possible, photograph, H. Roberts & Co., Corso Umberto, 417, Rome.

JAPAN.—Wanted immediately, as Fourth Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; no ladies or married men need apply. Send for full particulars, with photo, to J. W. Franklin, c/o Bailey's Hotel, Gloucester Road, S.W. 7.

SINGAPORE.—Wanted (immediately), Qualified Assistant; young, sound, and single; three years' engagement; monthly salary of \$250, \$275, and \$300 respectively (\$1 equivalent to two shillings and fourpence sterling); passage paid out and home. Full particulars from Downie, 187 Gairbraid Street, Glasgow.

DENTAL Assistant required for Algiers for a permanency, or with a view to partnership; liberal remuneration. Write, with references, to Dr. Dejean, No. 1 rue Charras, Algiers.

LABORATORY.—Wanted for South Africa, a first-class man to take charge; climate healthy; conditions generally are good, and food plentiful. Apply Lennon, 14 Lafone Street, London, S.E. 1.

PILLS AND TABLETS.—Wanted for South Africa, a Laboratory hand; thoroughly experienced in making Pills and Tablets; unmarried preferred. Apply Lennon, 14 Lafone Street, London, S.E. 1.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

A GOOD all-round Counterman and Dispenser is seeking a permanent post where best endeavours will be appreciated; married; unqualified; age 35; disengaged January 6th; highest references; Midlands preferred, not essential. "Facto" (178/25), Office of this Paper.

ADVERTISER, a qualified Chemist and successful Manager, 34, seeks position with opportunity attached of taking over business on his own account shortly; bank and other references right. "West" (177/9), Office of this Paper.

A S unqualified Manager or offers; 20 years' experience; country preferred; permanency only. Apply 175/30, Office of this Paper.

A S Assistant in a good-class business, in or near London preferred, with a view to succession or partnership; West-End experience. Apply, in confidence, to 175/39, Office of this Paper.

A S Locum or Temporary Manager; qualified; abstainer; varied experience; good references. Apply 176/10, Office of this Paper.

A S Locum; permanency; recent references; excellent experience. Chemist, 122a Holland Road, Kensington, W. 12.

ASSISTANT or Dispenser requires post very soon; preferably high-class; London. Apply 167/16, Office of this Paper.

ASSISTANT Manager or Drug Store management in good-class working district; 30 years' wide experience, Counter, Dispensing, Photographic, etc.; good organiser; at liberty. M. Smith, 7 King Street, Wolverhampton.

ASSISTANT or Managing Assistant (30); unqualified; fully competent to take charge; first-class Dispensing and Counter experience; country or seaside. Offers to "Permanency" (175/28), Office of this Paper.

ASSISTANT or Manager; unqualified; 46; 5 ft. 10 in.; good general experience; at liberty shortly; permanency preferred. Gregory, 5 Marble Hall Road, Milford Haven.

ASSISTANT Locum Manager; eighteen years' London, country, Continent; Dispenser, considered smart Counterman, Photographs, Optics; qualified; discharged Army Hospital Dispenser after four years' service abroad. "Disengaged," 39 Falmouth Road, London, S.E.

ASSISTANT or Dispenser requires post (immediately); preferably high-class; London or Manchester. Apply 177/1, Office of this Paper.

ASSISTANT, 24, good-class varied experience, desires change; Northern Counties only. State full particulars, 177/20, Office of this Paper.

B.E.F. man, qualified (24), asks for offers of a situation in Lancashire or Cheshire after demobilisation; preferably where there would be an opportunity of learning Optics; experienced; excellent references; single. Apply 171/19, Office of this Paper.

CAPABLE; unqualified; married (30); high-class Dispensing or Counter and Prescribing business, or for branch management. "Rhei," 16 Carlton Park Avenue, Raynes Park, S.W. 19.

CLERICAL; evening work of any kind; terms moderate. Write "F. G." (159/15), Office of this Paper.

ELDERLY; qualified; part-time; London; country; disengaged. Apply 177/24, Office of this Paper.

EXPERIENCED lady; Counter, Stock, Window-dressing, fair Dispensing, Photographic, Shorthand, Typist, Bookkeeper; office preferred. Young, 26 Pennard Road, Shepherd's Bush.

HARD-WORKING and successful Manager requires permanency, where, by investment and service, he may obtain either interest or gradual succession. Apply 177/28, Office of this Paper.

JUNIOR Assistant (19) requires post in good-class shop; four years' experience; Bolton district preferred. Apply 171/20, Office of this Paper.

L.P.S.I., with honours, 28, seeks responsible position; City preferred; West End and provincial experience; excellent references. Apply 177/18, Office of this Paper.

LADY Dispenser, qualified, disengaged January 8th, requires post with Doctor or Hospital; two years' experience with late Doctor; near Nottingham if possible. Apply 167/10, Office of this Paper.

LADY (Hall), lately qualified, seeks post as Dispenser; if Chemist, Dispensing only. Miss A. White, Bowling Green, Strabane, co. Tyrone, Ireland.

LADY (Hall) seeks post; Doctor or Hospital; highest references; now disengaged; four years' experience. Miss E. Isenberger, St. Jacques House, Guernsey.

LADY Dispenser (25), Hall experience, desires post; Hospital, Doctor, or Institute; bookkeeping if required. Apply 178/7, Office of this Paper.

LIVE Locum disengaged for seven days from 20th (now in the Army). "Staff," 10 Ponsonby Terrace, Westminster, London, S.W. 1.

LOCUM; disengaged 27th; wide experience; best references. Apply 177/360, Office of this Paper.

LONDON.—Assistant, unqualified, 5 ft. 11½ in., 26 years, five years' African Retail, at present holding commission in R.A.F., shortly to demobilise, four years' active service, excellent references, wishes to take Minor; Window-dressing, Dispensing, first-class Counter hand. "Africa" (174/9), Office of this Paper.

LONDON.—Advertiser; over twenty years' first-class varied experience and commercial training, desires permanency; present responsible position nine years; well educated; expert Prescriber, Dispenser, Photography; quick worker; healthy; aged 39; unqualified; good service in return for good salary; Management entertained; married. Apply 178/1, Office of this Paper.

MANAGER; small business or branch; London preferred; 26; energetic; good interest in business wanted; later purchase if agreeable. "Saffron" (176/30), Office of this Paper.

MANAGER; unqualified; London and provincial; good experience; highest references. Apply 177/36, Office of this Paper.

MANAGER; qualified; 49, tall, thin; active, experienced; good Dentist; London. Apply 177/400, Office of this Paper.

MANAGER, qualified, London, provincial, and Store experience, good personality, sound business builder, desires permanent branch Managership; Midlands or South preferred; disengaged end of January. Please state salary, commission, hours, etc., 180/12, Office of this Paper.

PH.C. wants good-class business to manage; permanency; large turnover; store not objected to; real live man possessing tact, ambition, energy; South preferred. State salary, hours, etc., "S. C." (176/280), Office of this Paper.

PH.C.; 44; Managership; view to early succession or interest desired; 15 years' first-class experience as Manager and Buyer; abstainer. "Progress" (177/5), Office of this Paper.

QUALIFIED; locum; branch; part-time. Chemist, 26 Telford Road, Westbourne Park, W.

QUALIFIED, 29, University education, with first-class West-End experience, Retail and Dispensing, is open for part-time engagement. Mr. S., 47 Molyneux Street, Marble Arch, W.

QUALIFIED; 45; all-round Retail experience; Dental and Optics; disengaged; ex-soldier. "Cymro," 35 Anderson Road, Erdington, Birmingham.

QUALIFIED Chemist desires post as Dispenser, Assistant, or Manager; London or country near; permanency; temporary; experienced; disengaged end of year. Smith, c/o Messrs. Pain & Powell, Chemists, Sevenoaks.

QUALIFIED and experienced Locum as Manager or Assistant; highest testimonials; at liberty January 21st, 1919. R. A., 53 Bayswater Road, Birmingham.

QUALIFIED woman Dispenser desires post; experienced; Institution or Doctor preferred. Apply 178/18, Office of this Paper.

QUALIFIED; excellent all-round experience and references; disengaged January. Apply 178/9, Office of this Paper.

QUALIFIED Chemist, 51, married, good experience and references, as Manager, or with view to succession. Apply 177/34, Office of this Paper.

SITUATION required in high-class Pharmacy, where Dispensing experience can be obtained; Hall qualification, and three years' Retail experience. Miss Randle, c/o Deacon, Pharmacist, Bridgwater.

TEMPORARY engagement wanted by Chemist of long experience, good business man, or position in large business (not London), with view to early purchase. "Chiretta" (177/11), Office of this Paper.

UNQUALIFIED Assistant; Dispensing, Counter; disengaged shortly. "Lobelia" (175/26), Office of this Paper.

UNQUALIFIED, good Window-dresser, obliging Counterman, desires post as Manager of small Drug Stores; permanent; 27; married. Reply 178/29, Office of this Paper.

WOMAN Pharmacist desires post; Swansea or district; disengaged January; nine years' experience; Institution, Retail, and private practice. Miss H. W. Davies, Brook War Hospital, Shooters Hill, S.E. 18.

£4 AND HOUSE.—Are you looking for unqualified Manager whose ability and "push" is financially appreciated? Capable of working mixed business, or could work up neglected business; view to purchase optional. "Anthem" (175/21), Office of this Paper.

WHOLESALE.

ADVERTISER, with sound all-round Wholesale experience, desires position in small Wholesale house with view to Partnership, or would buy outright. Apply 177/13, Office of this Paper.

CHEMIST wants post with good go-ahead firm; manufacturing, buying; able to control staff; good reliable man, possessing energy, ability, and ambition; splendid schemes ready to put into action. Apply 176/28, Office of this Paper.

DEMOBILISED (Shortly).—Experienced Representative; age 33, good appearance and address, desires progressive position (when discharged home service); Drugs, Sundries, Packed Goods, Surgical appliances, etc.; previous journey Midlands, Eastern Counties; consider changing ground. "Energetic" (178/26), Office of this Paper.

ENGINEER now open to take charge of large works; wide experience in erecting and maintenance of plant; steam, electric, petrol, motors, punch, and die making, etc. W. Neve, 77 St. John's Road, Wembley.

GENTLEMAN, 20 years' experience Drugs and Chemicals, Wholesale and Retail, would accept management or offers; permanency only. Apply 175/300, Office of this Paper.

MANAGER seeks position; good varied experience in publicity, control of labour, organisation, representation, etc.; now completing appointment (Government) on solvent recovery. Apply 173/11, Office of this Paper.

MEDICAL BOTTLES.—Traveller, 15 years' sound connection, Lancashire, seeks Agency for makers on commission basis. Apply "Bottles" (177/31), Office of this Paper.

PATENTS, DRUGS, AND SURGICAL INSTRUMENTS.—Advertiser, age 29, seeks situation; 10 years' experience Wholesale and Export; would take charge of department. Apply 173/15, Office of this Paper.

REPRESENTATIVE, just discharged H.M. Forces, desires to fix up with reputable house; commencing New Year; salary or commission basis; prefers Perfumery, Toilets, or Sundries; age 32, tall, and smart appearance; excellent connection North of England; interview desired. Apply "Bon Ton" (152/38), Office of this Paper.

REPRESENTATIVE open to represent first-class firm; 18 years' experience Drugs, Chemicals, Wholesale and Medical; first-class references. Reply 176/24, Office of this Paper.

TRAVELLER or Manager of department, 25 years' experience in Retail, smart appearance and address, quick and accurate at figures, disengaged third week in January; Birmingham district preferred. "Salol," 77 Lincoln's Inn, Corporation Street, Birmingham.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

WILL someone be good enough to give advertiser some idea of the prospects, for a fully qualified man, in every way, in Canada (Toronto preferred), or perhaps put him in touch with someone who could give the information desired; Wholesale (no experience) or Retail. Apply 152/33, Office of this Paper.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

MISCELLANEOUS.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—125 Allen & Hamburys "C" 6% Prefs., 20s. 3d.; 200 Eugene Rimmell 7½% (tax free) Prefs., 21s. 10½d. c.d. January; 500 Plasmon Ordinary, 8s. 6d., yielding 14%; 500 6% Prefs., 18s. 6d.; 25 Ilford Ordinary, 20s. 6d.; 20 6% Prefs., 18s. 9d.; 60 Siegel, 6s. 1½d. c.d.

Wanted (subject).—Camwal Debentures and Prefs.; Idris Debentures and Prefs.; Wright Layman Prefs.; Southall Brothers and Barclay Prefs.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

ABOUT 5 tons Treacle in casks, containing from 4 to 5 cwt., for sale; cask charged 10s. What offers per cwt. for cask lots? Apply 169/24, Office of this Paper.

I HAVE 2 cwt. Methyl Sal. to dispose of; finest manufacture. What offers? Apply F. C. Walker & Son, 110 Ravensbourne Avenue, Shortlands, Kent.

OFFERS wanted.—5 cwt. Lump Alum, 5 cwt. Powdered Alum, 40 lb. Caraway Seeds, 25 gallon Tar Oil, 2 tons Levigated Fullers Earth, 1½ tons Brown Umber, 1 cwt. Rubbed Parsley, 28 lb. Tancy (uncut). Taylor, 22 Dalton Road, Wallasey.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

FOR DISPOSAL.

DRUGS AND CHEMICALS.

- 1 GALLON Glycerine, commercial, 1s. per lb. Sharman, Northwood.
- 20 GROSS 4½d. tins Vaseline. What offers? Apply 243/37, Office of this Paper.
- CASITOR Oil; 3 dozen 5-oz. bottles; first pressings; 7s. dozen. "M.," 41 Newcomen Street, S.E. 1.
- AMMONIA, 3 Winchester at 3s. 6d. each (including Winchester) "M.," 41 Newcomen Street, S.E. 1.
- 45 LB. Sod. Sal., B.P. What offers? M. Blumenthal, Pharmacist, 164 Lightbourne Road, Moston, Manchester.
- FOUR 16-oz. bottles Scale Pepsin, 1-2500; Parke, Davis & Co. make; unopened original packages; 50s. lb. Miller, Chemist, Cheltenham.
- 14 LB. Camphor Flores at 5s. 9d. per lb.; 2 lb. Cream Tartar at 2s. 3d. per lb., 1 lb. Sodii Brom. at 4s. 6d. per lb.; sample packets, finest obtainable. Apply 173/19, Office of this Paper.
- OFFERS. 8 oz. Quin. Sulph.; 4 lb. each Glucose, Housay Ang. Opt., Succ. Glycyrrh. (B.D.H.); 7 lb. each Pulv. Crem. Tart., Pulv. Sach. Lact.; 6 Badger Tooth Brushes (Maw's); 4 O.T. A. and H. Chlorisol; Brown's Still. Bowler, Chemist, Belper.

OPTICAL AND PHOTOGRAPHIC.

OFFERS. Sanderson ¼-plate Beck R.R. Lens, Slides, etc. Savage, 254 Manchester Road, Bradford.

MISCELLANEOUS.

- 4 GROSS Dummy Teats, 3s. 6d. gross; 4 gross Transparent Bottle Teats, 3s. 6d. gross; ½ gross Rubber Teats for Lambs, 1s. 6d. dozen. "M.," 41 Newcomen Street, S.E. 1.

WATSONS' OF SHEFFIELD

Want high-class cameras with fine lenses, artificial light enlargers, and vest pocket cameras of all kinds. At least 2/3rds retail given for approved models. In some instances more.

Is it not better to sell now than to wait till the slump comes? Any cameras on your shelves, and any unsaleable photographic sundries are valuable to us.

Why not sell them now?

You will never have the same chance again. Ask your nearest chemist friend whether he was satisfied with our prices and business methods.

Cash immediately. Goods returned carriage paid if no business.

Watsons'—The Camera House.

Tel. No. 255 or 27. New address, 19 Change Alley, Sheffield.

SURPLUS STOCK.—About 6 dozen Tooth Brushes, white handles, good bristle, 8s. 6d. dozen, post free (sample 10d.); single dozens sold. Aldous, 48 Harpenden Road, West Norwood, S.E. 27.

WANTED.

LOOSE Leaf Ledger. Sharmau, Northwood.

EUREKA Tablet Machine. State particulars and price to Craven, 18 Bridgehouses, Sheffield.

SMALL Steam Generator; also Emulsifying Machine, 10 gallons. Johnston & Adams, Dundee.

OPTICAL Trial Case wanted; also frames and lenses. Apply 257/16, Office of this Paper.

AN "Emulsifier" for Cod Liver Oil Emulsion; 100 gallons. Reply 175/10, Office of this Paper.

PERSONAL Weighing Machine. M. Blumenthal, Pharmacist, 164 Lightbourne Road, Moston, Manchester.

GUM Guaiacum, large or small quantities, for spot cash; sample and price. Apply 177/39, Office of this Paper.

PURE Block Liquorice Juice, preferably in 5 kilo blocks. Samples, price, "S.," 46 Cumberland Road, Acton, W. 3.

PILL-PICKING or Grading Machines wanted; also Ovallung Machines for three-grain pill. De Witt, 44 Rathbone Place, W. 1.

100 GROSS white glass wide mouth squat Bottles, 1 oz. and 1½ oz. State price and quantity to "Export" (257/58), Office of this Paper.

SHOP Rounds; 10, 20, and 40 oz.; Counter and Dispensing Scales, Ointment Jars, Check Tilt (O'Brien or similar), Glass Measures. Particulars to 253/16, Office of this Paper.

SODIUM Glycerophosphate "Powder," Ovo Lecithin "Powder," Milkpowder, and all Casein preparations. State price and quantity to British Casein Company (1911), Ltd., 24 Great Dover Street, S.E. 1.

SOMEONE please give the name of College or reliable teacher near Oxford Street, where Student can train for Minor after 5 in the evenings? Apply 176/20, Office of this Paper.

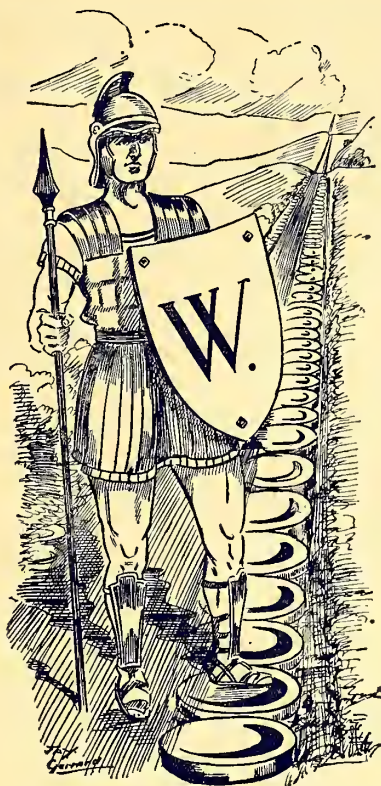
TINCTURE Press; hydraulic; new or second-hand. Full particulars and price to 159/1, Office of this Paper.

COLTON Pill-making Plant in good condition. Apply 242/60, Office of this Paper.

OLD Bell Metal Mortars, with inscriptions or early dates. Crawford, Chemist, Horley.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W. 4.



The "Victory" Xmas

To our friends : The Pharmacists of Gt. Britain & Ireland

THE most momentous Xmas in our national history finds us all realising a strange inadequacy about the old greetings.

There are many hearts on which "Happy" and "Merry" wishes will fall cold.

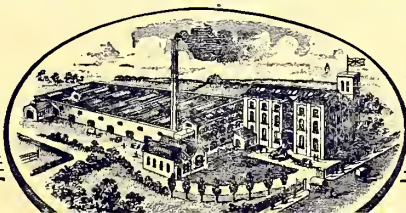
But we are all *thankful*. Thankful that the tension is past—thankful that success has crowned our four years of war toil—thankful for the unity and sacrifice which have brought the "Victory" Xmas.

Surely it is a good wish that this spirit of mutual helpfulness—of friendly co-operation—of allied efficiency—may grow with us all in the new era. That, at any rate, is the ruling principle which we shall continue to follow in the "Wigglesworth Way."

Yours sincerely,

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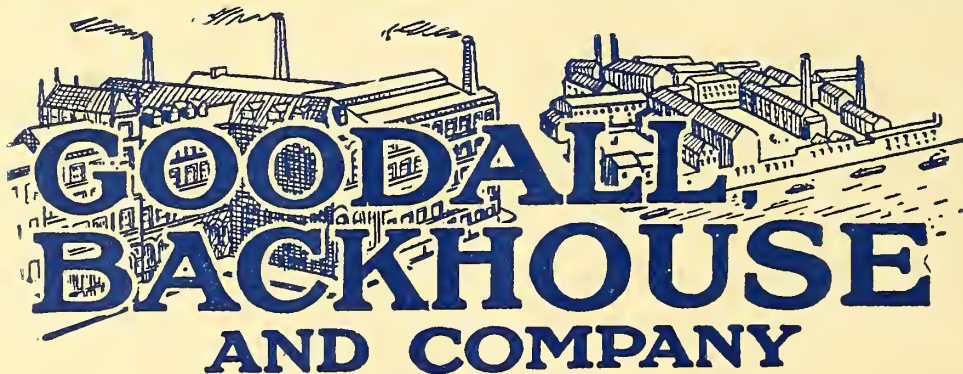
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